FW-C550

A01 - 156

Service
Service
Service

Product Service Group CE Audio

15 - 01 - 2002

3139 785 30004

*From production week 0115 onwards the software of the main processor IC (7400) has been upgrade to version 14. The new service code is 9965 000 10407.

*From production week 0126 onwards the following has been changed to lower ADC step from 255 to 253 so as to solve irregularly power-up recording problem.

Add	3524	4822 051 30109	10R 5% 0,062W
Delete	4405		

AF9 BOARD

*From production week 0110 onwards pt.3 Board (identified by the last digit of the 12NC - 3139 113 34353) is introduced.

Reason : For process, EMC & ESD improvement.

Add	2950	4822 126 13881	470pF 5% 50V
	2951	4822 126 13881	470pF 5% 50V
	2952	4822 122 31765	100pF 2% 63V
	2953	4822 126 13881	470pF 5% 50V
	3820	4822 116 52176	10R 5% 0,5W
Change	6206	4822 130 31878	1N4003G
Delete	9614	Bare wire	

*From production week 0122 onwards the following has been changed for GSM solution.

Add	3525	4822 051 30471	470R 5% 0,062W
	3526	4822 051 30471	470R 5% 0,062W
	3645	4822 051 30221	220R 5% 0,062W
	3646	4822 051 30221	220R 5% 0,062W
	4153	4822 051 30008	0R Jumper 0603
	4641	4822 051 30008	0R Jumper 0603
	4642	4822 051 30008	0R Jumper 0603
Delete	3641, 3642		

*From production week 0132 onwards the following has been changed to solve capacitor current leakage issue.

Change	2503	4822 124 22466	1uF 20% 50V
	2504	4822 124 22466	1uF 20% 50V
	2511	4822 124 22466	1uF 20% 50V
	2512	4822 124 22466	1uF 20% 50V

*During production pt.4 Board (identified by the last digit of the 12NC – 3139 113 34354) is introduced. For this reason new layout and circuit drawing are enclosed.

MMPWR 100W MODULE - MAINS BOARD

*During production pt.7 Board (identified by the last digit of the 12NC - 3139 113 34337) is introduced. For this reason new layout and circuit drawing are enclosed.

MMPWR 100W MODULE - L/R AMP. & SUPPLY BOARD

*From production week 0121 onwards the following has been changed to increase Fan speed.

Change	3304	4822 052 10108 ⚠	1R 5% 0,33W
	3305	4822 116 83876	270R 5% 0,5W
	3306	4822 116 83876	270R 5% 0,5W

*From production week 0121 onwards the following has been changed for NTC sensitivity adjustment.

Add	3292	4822 116 52263	2k7 5% 0,5W
Change	6258	4822 130 34173	BZX79-B5V6

*From production week 0121 onwards pt.4 Board (identified by the last digit of the 12NC - 3139 113 34344) is introduced. For this reason new layout and circuit drawing are enclosed.

Reason : For EMC solution.

Add	2370	2020 561 90365	100nF +80/-20% 50V
	2371	2020 561 90365	100nF +80/-20% 50V
	2372	4822 126 12878	1,5nF 10% 16V
	3395	4822 116 52175	100R 5% 0,5W

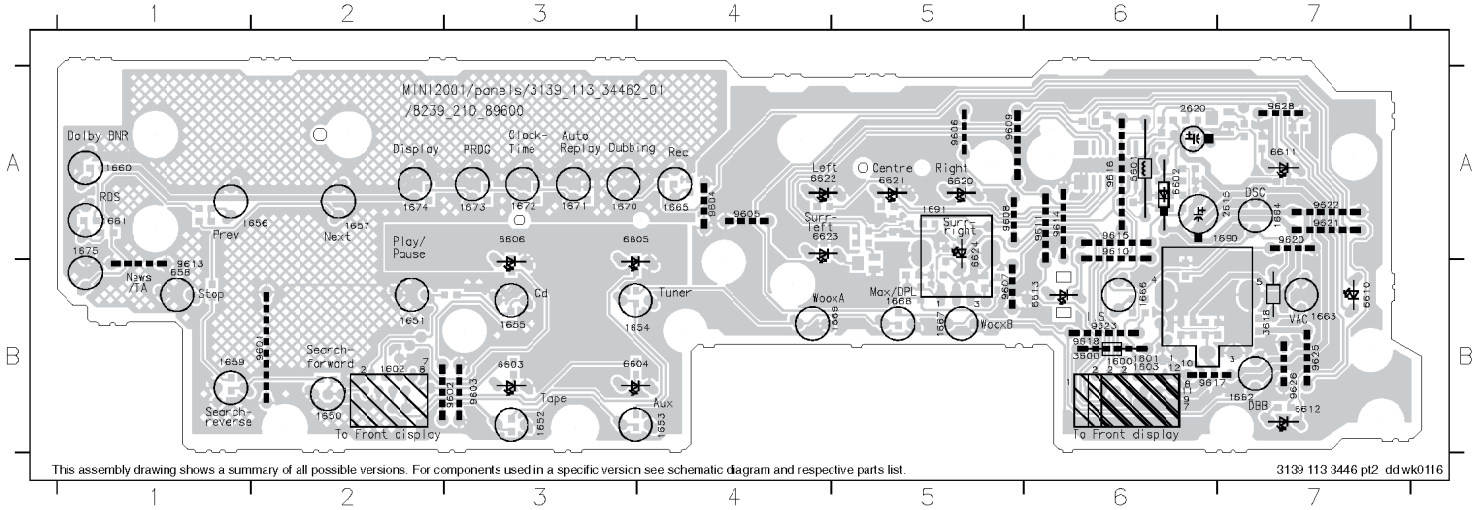
*From production week 0137 onwards the following has been changed for EMC performance.

Change	2330	4822 122 33519	470pF 10% 50V
	2335	4822 122 33519	470pF 10% 50V
Delete	2328, 2331		

FRONT CONTROL BOARD

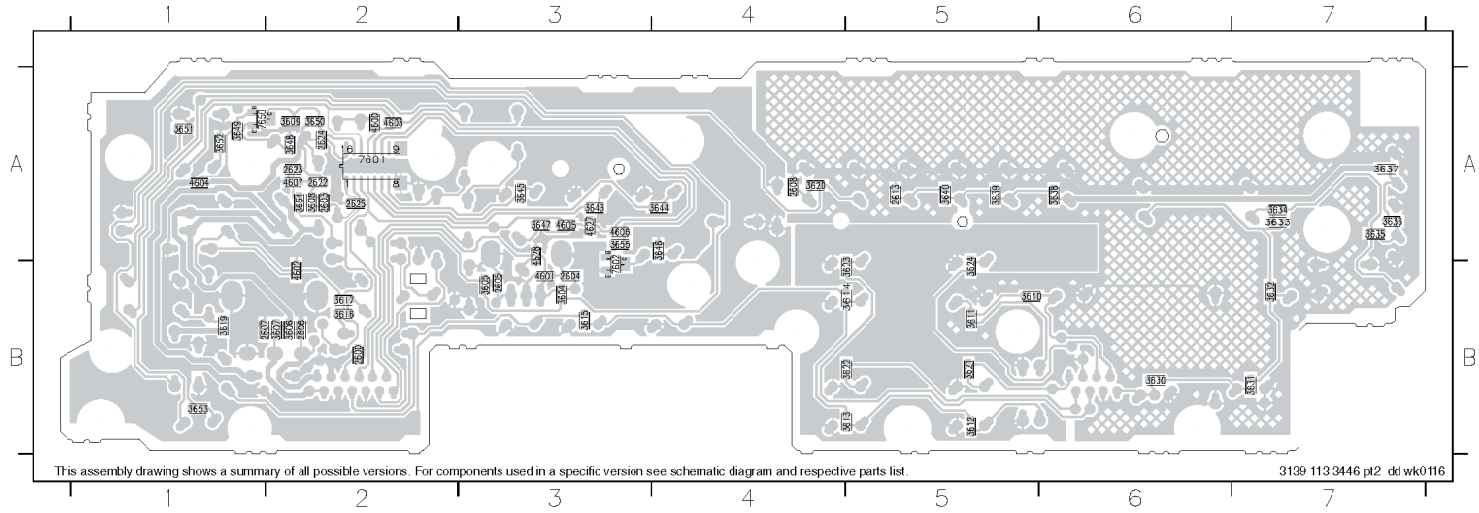
FRONT CONTROL BOARD - COMPONENT LAYOUT

1600 B6 1650 B2 1654 B3 1658 B1 1662 B7 1666 B6 1670 A3 1674 A2 2615 A7 5601 A6 6605 A3 6612 B7 6622 A4 9602 B3 9606 A5 9610 A6 9615 A6 9620 A7 9625 B7
1601 B6 1651 B2 1655 B3 1659 B1 1663 B7 1667 B5 1671 A3 1675 A7 2620 A6 6602 A6 6606 A3 6613 B6 6623 A4 9603 B3 9607 B5 9611 A6 9616 A6 9621 A7 9626 B7
1602 B2 1652 B3 1656 A2 1660 A1 1664 A7 1668 B5 1672 A3 1690 A7 3600 B6 6603 B3 6610 B7 6620 A5 6624 A5 9604 A4 9608 A5 9613 B1 9617 B6 9622 A7 9628 A7
1603 B6 1653 B4 1657 A2 1661 A1 1665 A4 1669 B5 1673 A3 1691 A5 3618 B7 6604 B3 6611 A7 6621 A5 9631 B2 9605 A4 9609 A5 9614 A6 9618 B6 9623 B6



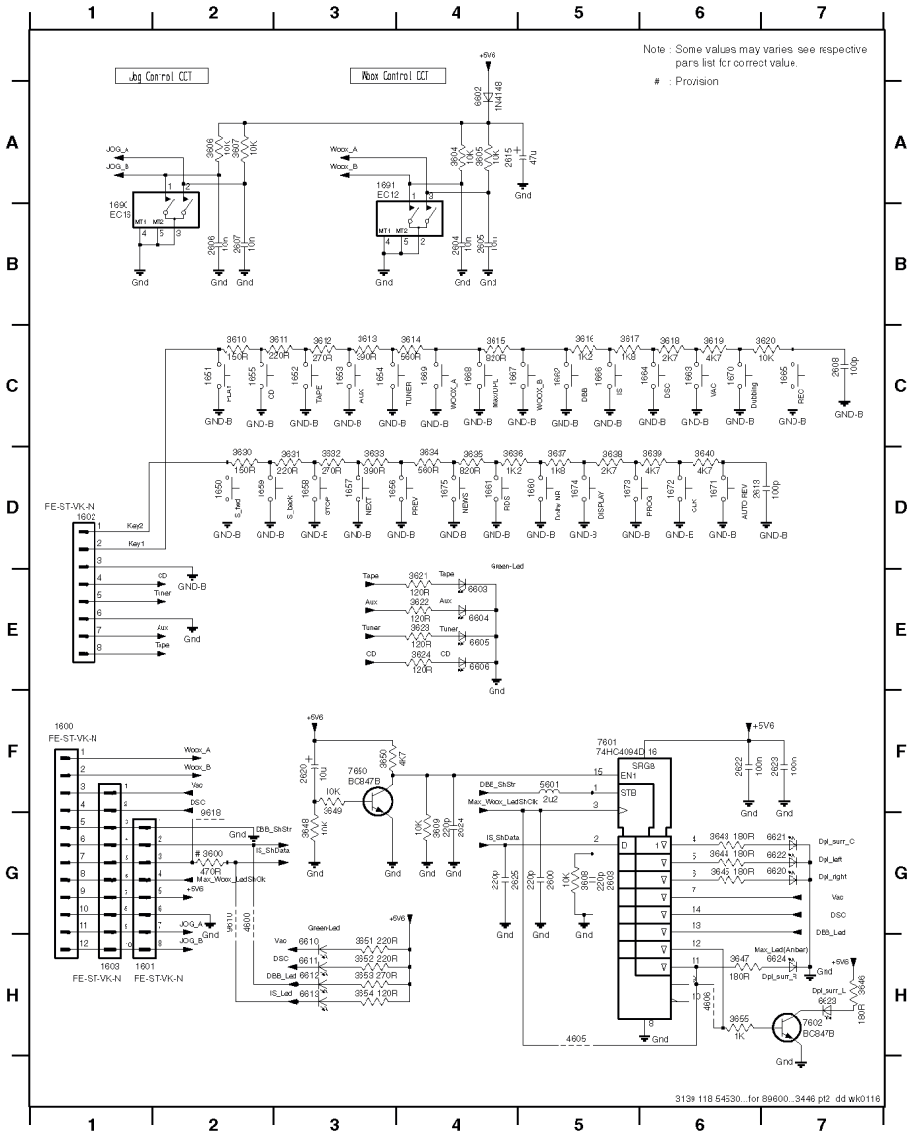
FRONT CONTROL BOARD - CHIP LAYOUT

2600 B2 2606 B2 2622 A2 3304 B3 3608 A2 3612 B5 3616 B2 3621 B5 3630 B6 3634 A7 3638 A6 3644 A4 3648 A2 3652 A1 4600 A2 4604 A1 4627 A3 7650 A1
2603 A2 2607 B1 2623 A2 3305 B3 3609 A2 3613 B5 3617 B2 3622 B5 3631 B7 3635 A7 3639 A5 3645 A3 3649 A1 3653 B1 4601 B3 4605 A3 4628 A3
2604 B3 2608 A4 2624 A2 3306 B2 3610 B5 3614 B5 3619 B1 3623 B5 3632 B7 3636 A7 3640 A5 3646 A4 3650 A2 3654 A2 4602 B2 4606 A3 7601 A2
2605 B3 2613 A5 2625 A2 3307 B2 3611 B5 3615 B3 3620 A4 3624 B5 3633 A7 3637 A7 3643 A3 3647 A3 3651 A1 3655 A3 4603 A2 4607 A2 7602 B3

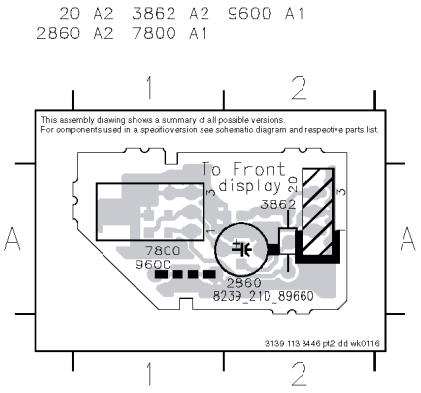

7801
This assembly drawing shows a summary of all possible versions. For components used in a specific version see schematic diagram and respective parts list.
3139 113 3446 pt2 dd wk0116

FRONT CONTROL BOARD - CIRCUIT DIAGRAM

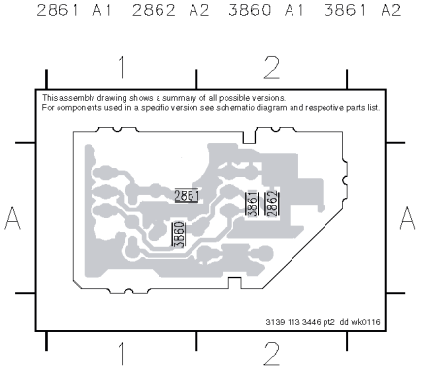
1600 F1	1653 C3	1660 D5	1667 C4	1674 D5	2605 B4	2622 F6	3606 A2	3613 C3	3620 C7	3632 D3	3639 D6	3648 G3	3655 H6	6604 E4	6620 G7	7650 F3
1601 H2	1654 C3	1661 D4	1668 C4	1675 D4	2606 B2	2623 F7	3607 A2	3614 C4	3621 E4	3633 D3	3640 D6	3649 F3	4600 G2	6605 E4	6621 G7	9610 G2
1602 D1	1655 C2	1662 C5	1669 C4	1690 B1	2607 B2	2624 G4	3608 G5	3615 C4	3622 E4	3634 D4	3643 G6	3650 F3	4605 H5	6606 E4	6622 G7	9618 G2
1603 H1	1656 D3	1663 C6	1670 C6	1691 A3	2608 C7	2625 G4	3609 C4	3616 C5	3623 E4	3635 D4	3644 G6	3651 H3	4606 H6	6610 H3	6623 H7	
1650 D2	1657 D3	1664 C6	1671 D6	2600 G5	2613 D6	3600 G2	3610 C2	3617 C5	3624 E4	3636 D4	3645 G6	3652 H3	5601 F5	6611 H3	6624 H7	
1651 C2	1658 D3	1665 C7	1672 D6	2603 G5	2615 A4	3604 A4	3611 C3	3618 C6	3630 D2	3637 D5	3646 H7	3653 H3	6602 A4	6612 H3	7601 F5	
1652 C3	1659 D2	1666 C5	1673 D5	2604 B4	2620 F3	3605 A4	3612 C3	3619 C6	3631 D3	3638 D5	3647 H6	3654 H3	6603 E4	6613 H3	7602 H7	


Note : Some values may varies see respective parts list for correct value.
: Provision
Jog Control CCT
Wcox Control CCT
FE-ST-VK-N
3139 118 54530...for 89600...3446 pt2 dd wk0116

IR-EYE BOARD - COMPONENT LAYOUT

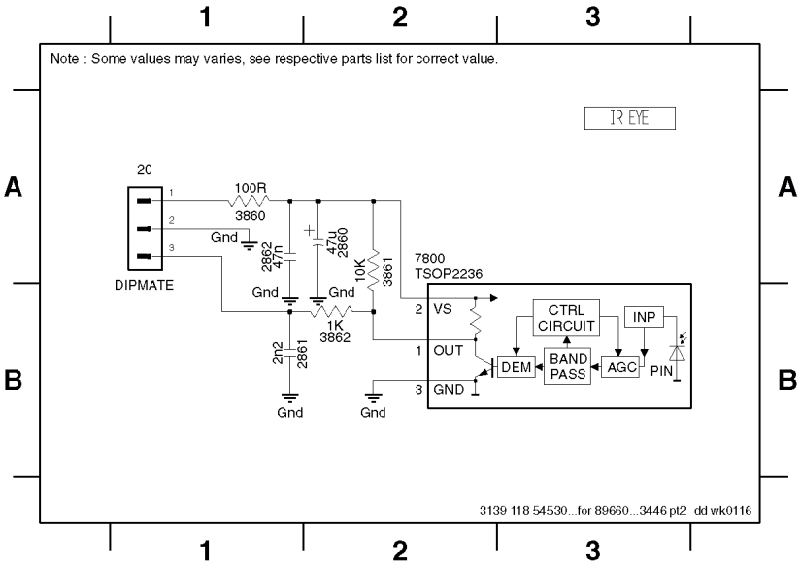

20 A2 3862 A2 9600 A1
2860 A2 7800 A1
This assembly diawing shows a summary of all possible versions.
For components used in a specific version see schematic diagram and respective parts list.
To Front display
3862
7800
9600
2860
8239_210_89660
3139 113 3446 pt2 dd wk0116

IR-EYE BOARD - CHIP LAYOUT

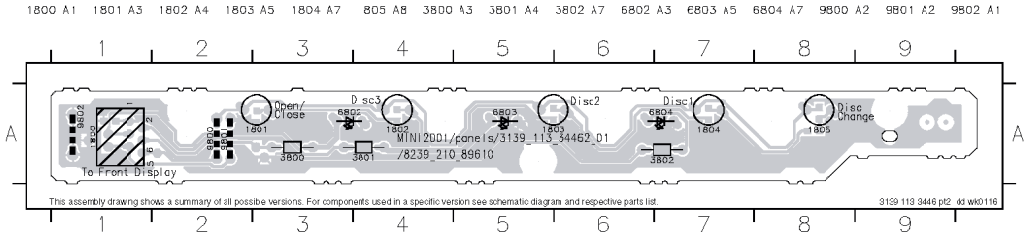

2861 A1 2862 A2 3860 A1 3861 A2
This assembly drawing shows a summary of all possible versions.
For components used in a specific version see schematic diagram and respective parts list.
2861
3860
3861
2862
3139 113 3446 pt2 dd wk0116

IR-EYE BOARD - CIRCUIT DIAGRAM

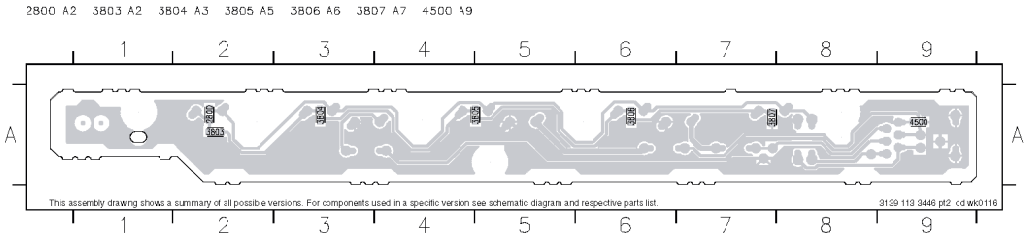
20 A1	2860 A2	2861 B1	2862 A1	3860 A1	3861 A2	3862 B2	7800 A2



KEY-CDC BOARD - COMPONENT LAYOUT

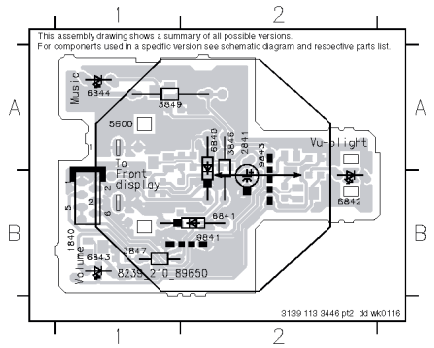

1800 A1 1801 A3 1802 A4 1803 A5 1804 A7 805 A8 3800 A3 3801 A4 3802 A7 6802 A3 6803 A5 6804 A7 9800 A2 9801 A2 9802 A1
Open/ Close
Disc3
Disc2
Disc1
Disc Change
To Front Display
MINI2DD1/panels/3139_113_54462_01 /8239_210_89610
This assembly drawing shows a summary of all possibe versions. For components used in a specific version see schematic diagram and respective parts list.
3139 113 3446 pt2 dd wk0116

KEY-CDC BOARD - CHIP LAYOUT


2800 A2 3803 A2 3804 A3 3805 A5 3806 A6 3807 A7 4500 A9
This assembly drawing shows a summary of all possibe versions. For components used in a specific version see schematic diagram and respective parts list.
3139 113 3446 pt2 dd wk0116

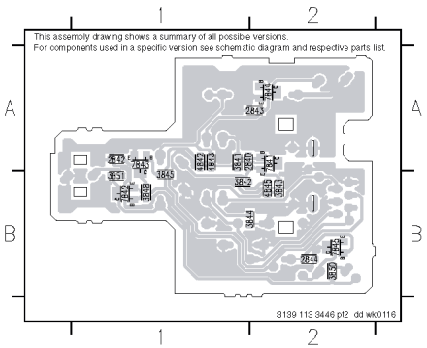
VU METER BOARD - COMPONENT LAYOUT

1840 B1 3846 A2 3849 A1 6840 A2 6842 B2 6844 A1 9843 A2
2841 A2 3847 B1 5600 A1 6841 B2 6843 B1 9841 B2


This assembly drawing shows a summary of all possible versions.
For components used in a specific version see schematic diagram and respective parts list.
Music
Vu-light
To Front display
Volume
3139 113 3446 pt2 dd wk0116

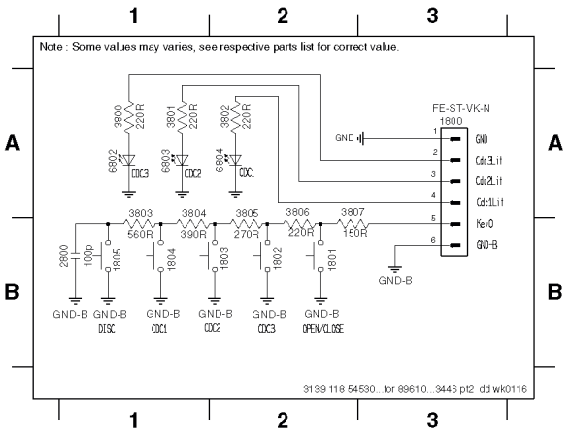
VU METER BOARD - CHIP LAYOUT

2340 A1 2844 B2 3843 B2 3848 B1 4842 A1 7841 A2 7844 A2
2842 A1 3841 A1 3844 B1 3850 B2 4843 A1 7842 B1 7845 B2
2843 A2 3842 B1 3845 B1 3851 B1 4845 B2 7843 A1


This assembly drawing shows a summary of all possibe versions.
For components used in a specific version see schematic diagram and respective parts list.
3139 113 3446 pt2 dd wk0116

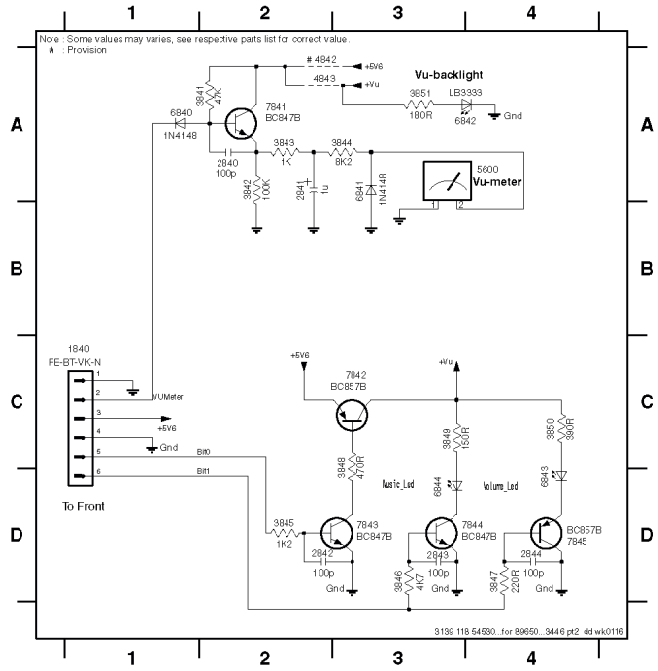
KEY-CDC BOARD - CIRCUIT DIAGRAM

1800 A3 1802 B2 1804 B1 2800 B1 3801 A1 3803 A1 3805 A2 3807 A2 6803 A1
1801 B2 1803 B2 1805 B1 3800 A1 3802 A2 3804 A1 3806 A2 6802 A1 6804 A2



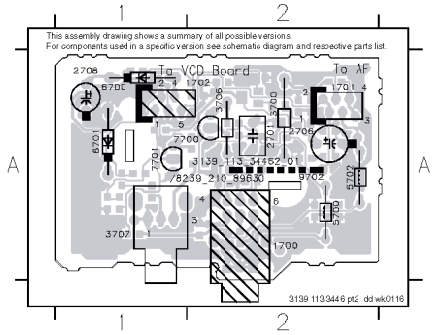
VU METER BOARD - CIRCUIT DIAGRAM

1843 C1 2842 D2 3841 A2 3844 A3 3847 D4 3850 C4 4843 A2 6841 A3 6844 D3 7843 D3
2843 A2 2843 D3 3842 A2 3845 D2 3848 C3 3851 A3 5300 A4 6842 A4 7841 A2 7844 D3
2841 A2 2844 D4 3843 A2 3846 D3 3849 C3 4842 A2 6340 A1 6843 D4 7842 C3 7845 D4



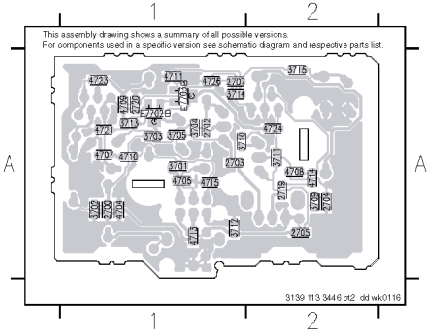
KARAOKE BOARD - COMPONENT LAYOUT

1700 A2 2701 A2 3700 A2 5700 A2 6701 A1 9702 A2
1701 A2 2706 A2 3708 A2 5702 A2 770C A1
1702 A2 2708 A1 3707 A1 6700 A1 7701 A1


This assembly drawing shows a summary of all possible versions.
For components used in a specific version see schematic diagram and respective parts list.
To VCD Board
To AF
3139 113 34452 01
8239 210 89630
3139 113 3446 pt1 dd wk0116

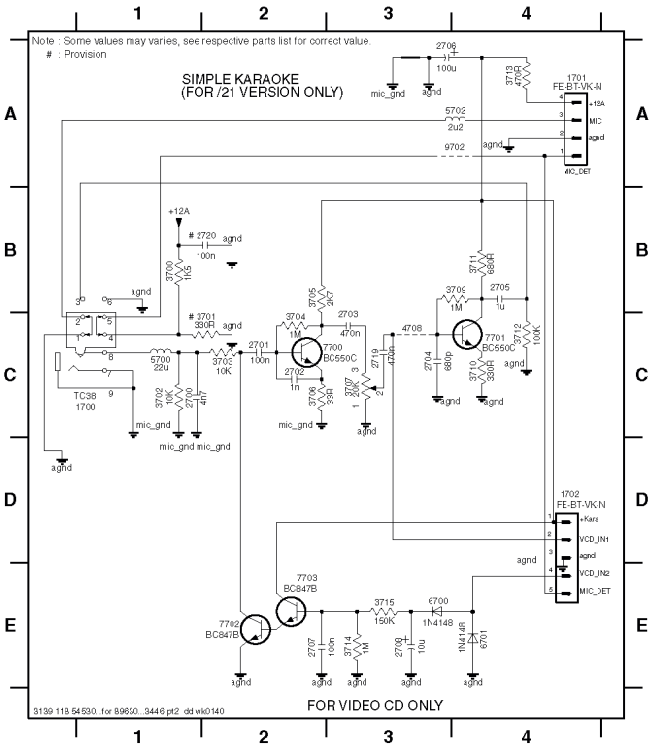
KARAOKE BOARD - CHIP LAYOUT

2700 A1 2719 A2 3705 A1 3714 A1 4709 A1 4721 A1
2702 A1 2720 A1 3709 A2 3715 A2 47 0 A1 4723 A1
2703 A1 3701 A1 3710 A1 47C4 A1 47 1 A1 4724 A2
2704 A2 3702 A1 3711 A2 47C5 A1 47 3 A1 4726 A1
2705 A2 3703 A1 3712 A1 47C7 A1 47 4 A2 7702 A1
2707 A1 3704 A1 3713 A1 4708 A2 47 5 A1 7703 A1


This assembly drawing shows a summary of all possible versions.
For components used in a specific version see schematic diagram and respective parts list.
3139 113 3446 pt2 dd wk0116

KARAOKE BOARD - CIRCUIT DIAGRAM

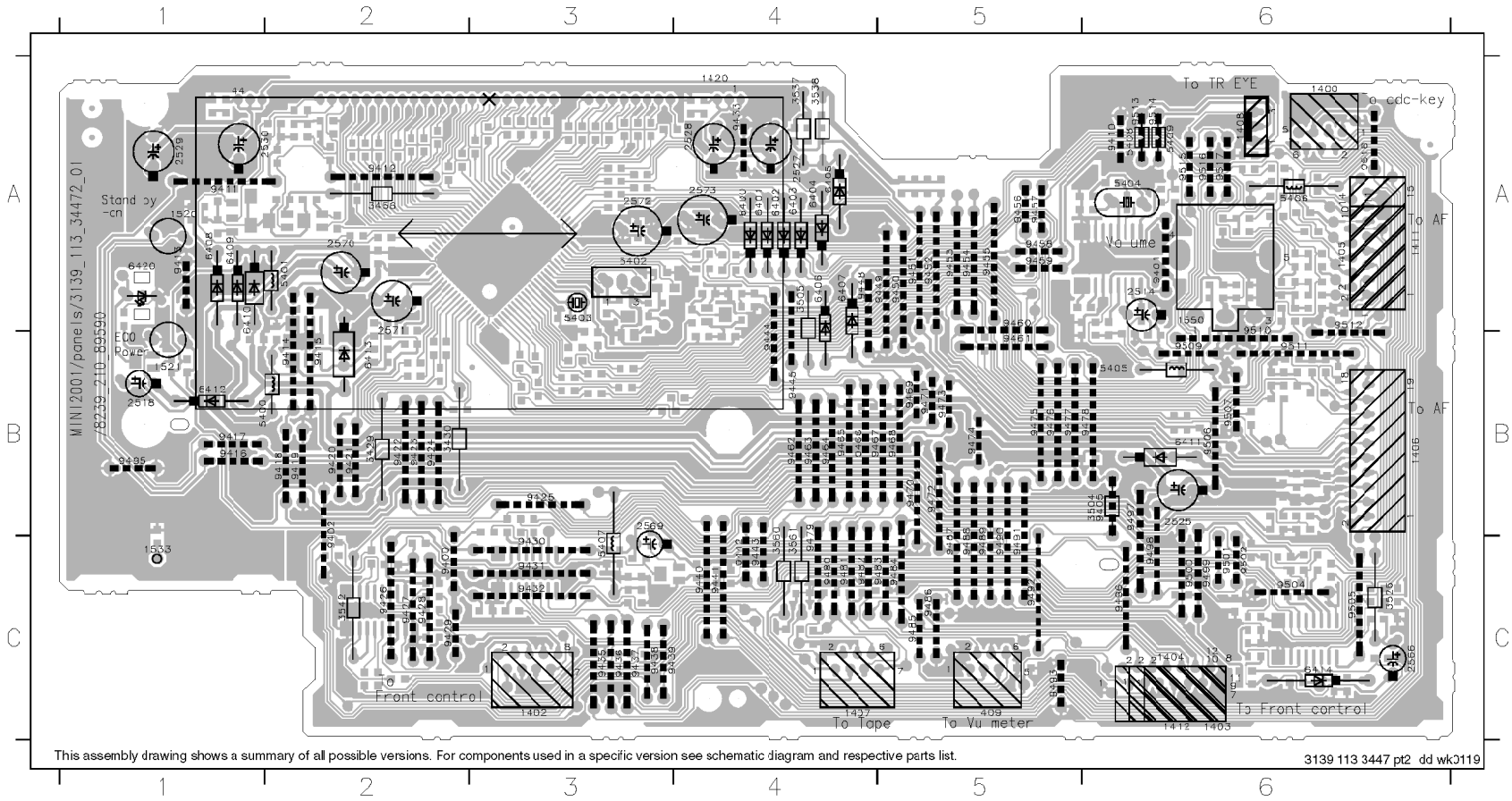
1700 C1 2700 C1 2703 C3 2706 A3 2719 C3 3701 C2 3704 C2 3707 C3 3711 B4 3714 E3 5700 C1 6701 E4 7702 E2
1701 A4 2701 C2 2704 C3 2707 E2 2720 B2 3702 C1 3705 B2 3709 B4 3712 C4 3715 E3 5702 A4 7700 C2 7703 E2
1702 D4 2702 C2 2705 B4 2708 E3 3700 B1 3703 C2 3706 C2 3710 C4 3713 A4 4708 C3 6700 E3 7701 C4 9702 A4


Note : Some values may varies, see respective parts list for correct value.
: Provision
SIMPLE KARAOKE
(FOR /21 VERSION ONLY)
FOR VIDEO CD ONLY
3139 119 54530.for 8965...3446 pt2 dd wk0140

FRONT DISPLAY BOARD

FRONT DISPLAY BOARD - COMPONENT LAYOUT

1400 A6 1409 C5 2514 A6 2569 B3 3504 B6 5400 B1 5408 A6 6406 A4 6414 C6 9412 A2 9420 B2 9428 C2 9437 C3 9445 34 9455 A5 9463 B4 9471 B5 9479 C4 9487 C5 9496 C6 9505 C6 9514 A6
1402 C3 1411 A6 2518 B1 2570 A2 3505 A4 5401 A2 5409 A6 6407 A4 6420 A1 9413 A1 9421 B2 9429 C2 9438 C3 9448 A4 9456 A5 9464 B4 9472 B5 9480 C4 9488 C5 9497 B6 9506 B6 9515 A6
1403 C6 1412 C6 2525 B6 257 A2 3526 C6 5402 A3 6410 A4 6408 A1 9400 C2 9414 B2 9422 B2 9430 C3 9439 C3 9449 A5 9457 A5 9465 B4 9473 B5 9481 C4 9489 C5 9498 C6 9507 B6 9516 A6
1404 C6 1420 A4 2527 A4 2572 A3 3537 A4 5403 A3 6411 A4 6409 A1 9401 A6 9415 B2 9423 B2 9431 C3 9440 C4 9450 A5 9458 A5 9466 B4 9474 B5 9482 C4 9490 C5 9499 C6 9509 B6 9517 A6
1405 A6 1520 A1 2528 A4 2573 A4 3538 A4 5404 A6 6412 A4 6410 A1 9402 B2 9416 B1 9424 B2 9432 C3 9441 C4 9451 A5 9459 A5 9467 B4 9475 B5 9483 C5 9491 C5 9500 C6 9510 A6 9518 A6
1406 B6 1521 B1 2529 A1 3429 B2 3542 C2 5405 B6 6413 A4 6411 B6 9405 B6 9417 B1 9425 B3 9433 A4 9442 C4 9452 A5 9460 A5 9468 B5 9476 B5 9484 C5 9492 C5 95C1 C6 9511 B6
1407 C4 1533 C1 2530 A1 3430 B2 3560 C4 5406 A6 6414 A4 6412 B1 9410 A6 9418 B2 9426 C2 9435 C3 9443 C4 9453 A5 9461 B5 9469 B5 9477 B5 9485 C5 9493 C5 95C2 C6 9512 A6
1408 A6 1550 A6 2566 C6 3456 A2 3561 C4 5407 C3 6415 A4 6413 B2 9411 A1 9419 B2 9427 C2 9436 C3 9444 B4 9454 A5 9462 B4 9470 B5 9478 B6 9486 C5 9495 B1 95C4 C6 9513 A6

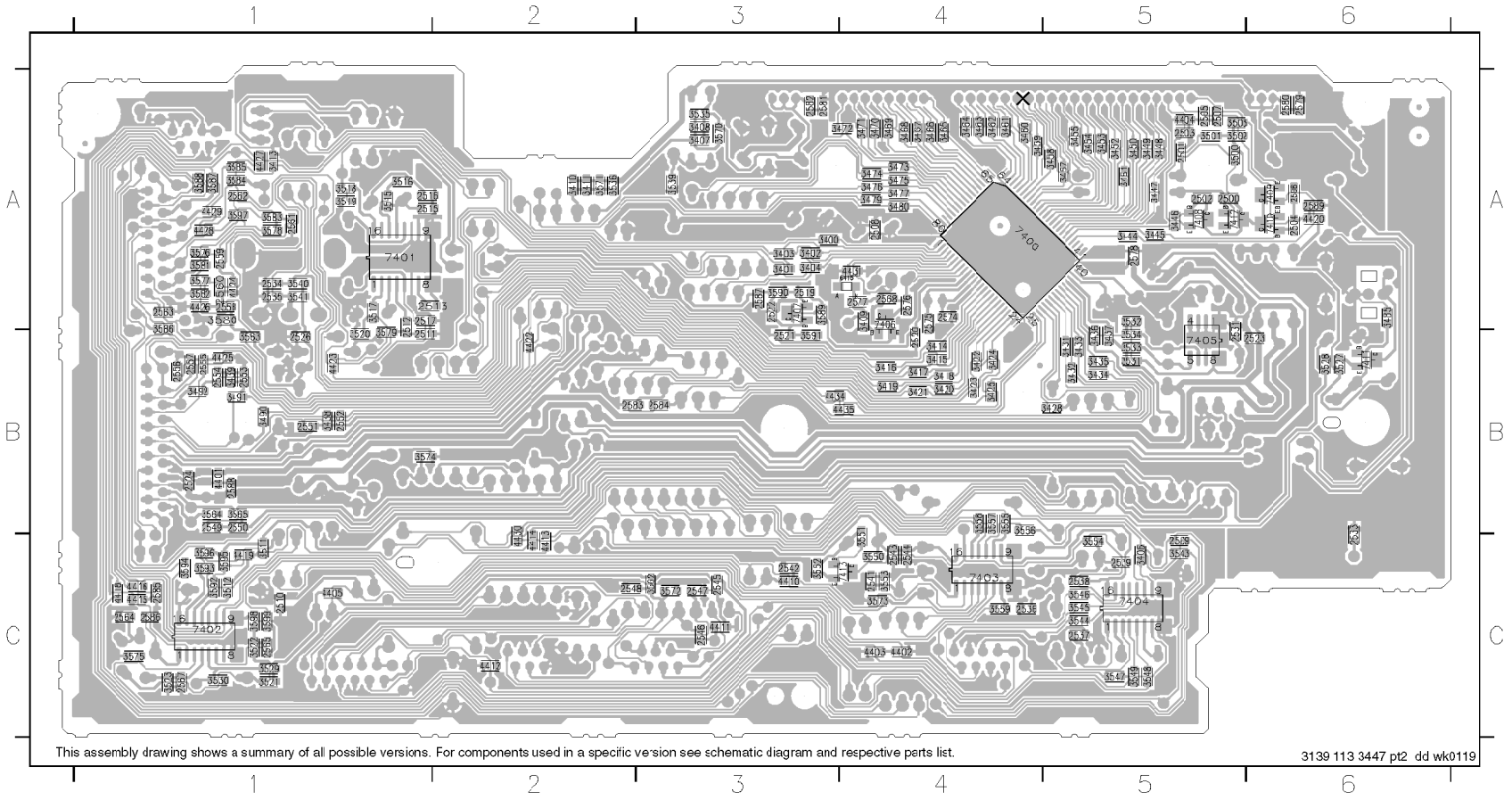


This assembly drawing shows a summary of all possible versions. For components used in a specific version see schematic diagram and respective parts list.

3139 113 3447 pt2 dd wk0119

FRONT DISPLAY BOARD - CHIP LAYOUT

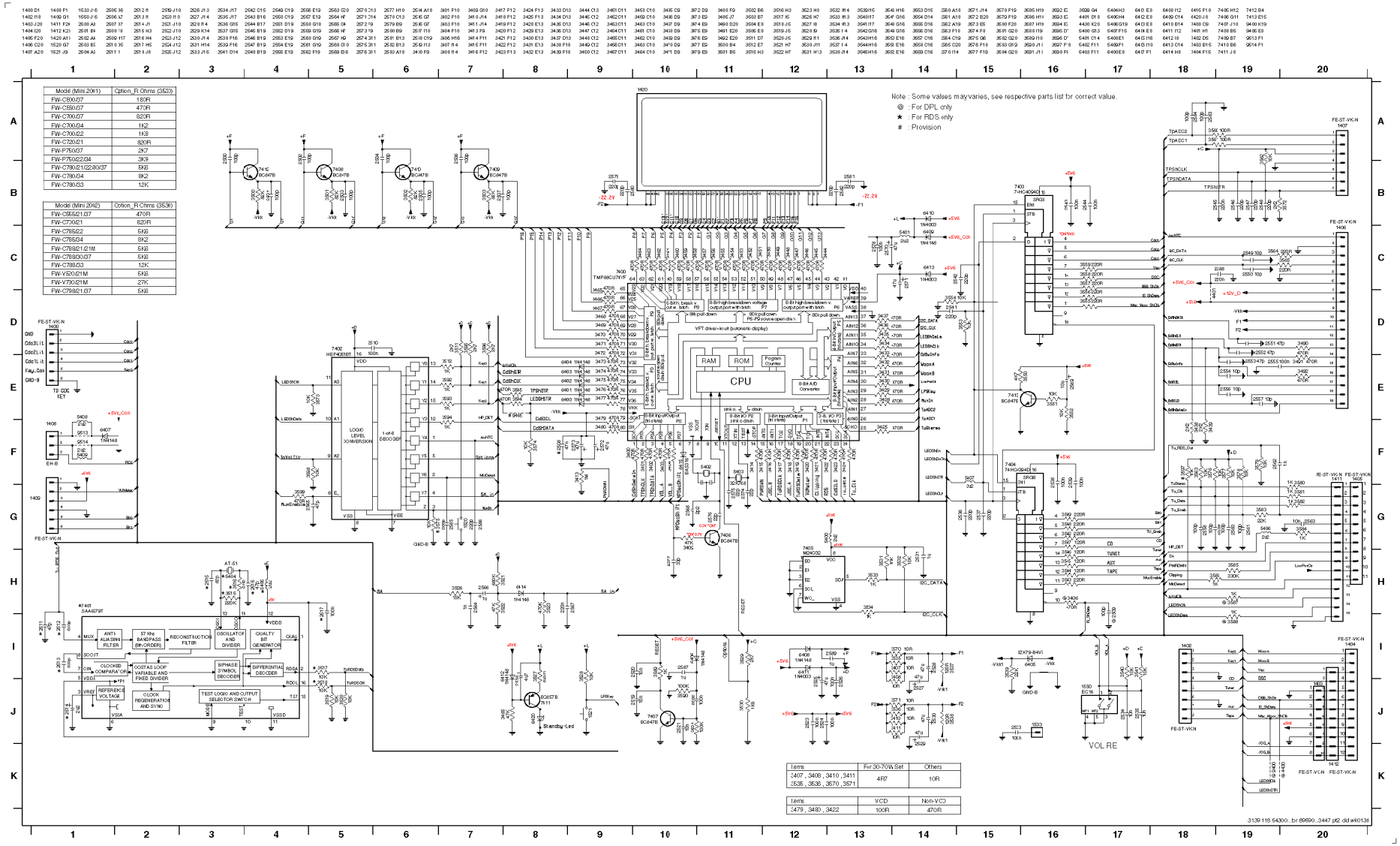
2500 A5	2512 A1	2531 B5	2545 C3	2557 B1	2575 A4	2587 A3	3410 A2	3423 B4	3439 B1	3455 A5	3438 A4	3485 A6	3517 A1	3532 A5	3547 C5	3559 C4	3577 A1	3589 A3	4402 C4	4419 C1	4434 B3	7409 A6
2501 A5	2513 A2	2533 C6	2546 C3	2558 A1	2576 A4	2588 B	3411 A2	3424 B4	3444 A5	3457 A5	3459 A4	3490 B1	3518 A1	3533 B5	3548 C5	3562 C3	3578 A1	3590 A3	4403 C4	4420 A6	4435 B4	7410 A6
2502 A5	2515 A1	2534 A1	2547 C3	2559 A1	2577 A4	2589 A6	3413 A1	3425 B4	3445 A5	3458 A5	3470 A4	3491 B1	3519 A1	3534 B5	3549 C5	3563 B1	3579 B1	3591 B3	4404 A5	4422 B2	6415 A4	7411 B6
2503 A5	2516 A1	2535 A1	2548 C2	2560 A1	2578 A5	3400 A3	3414 B4	3428 B5	3446 A5	3459 A4	3471 A4	3492 B1	3520 B1	3535 A3	3550 C4	3564 B1	3580 A1	3592 C1	4405 C1	4423 B1	7400 A4	7412 A5
2504 A6	2517 A1	2536 C4	2549 B1	2561 A1	2579 A6	3401 A3	3415 B4	3431 B5	3447 A5	3460 A4	3472 A4	3500 A5	3521 C1	3536 A2	3551 C4	3565 B1	3581 A1	3593 C1	4410 C3	4424 A1	7401 A1	7413 C4
2505 A5	2519 A3	2537 C5	2550 B1	2562 A1	2580 A6	3402 A3	3416 B4	3432 B5	3448 A5	3461 A4	3473 A4	3501 A5	3522 C1	3539 A3	3552 C3	3570 A3	3582 A1	3594 C1	4411 C3	4425 B1	7402 C1	
2506 A6	2520 B4	2538 C5	2551 B1	2563 A1	2581 A3	3403 A3	3417 B4	3433 B5	3449 A5	3462 A4	3474 A4	3502 A5	3523 C1	3540 A1	3553 C4	3571 A2	3583 A1	3595 C1	4412 C2	4426 A1	7403 C4	
2507 A5	252? B3	2539 C5	2552 B1	2564 C1	2582 A3	3404 A3	3418 B4	3434 B5	3450 A5	3463 A4	3475 A4	3503 A5	3527 B6	3541 A1	3554 C5	3572 C3	3584 A1	3596 C1	4413 C2	4427 A1	7404 C5	
2508 A4	2522 A3	2541 C4	2553 B1	2565 C1	2583 B2	3406 C5	3419 B4	3435 B5	3451 A5	3464 A4	3476 A4	3511 C1	3528 B6	3543 C5	3555 B4	3573 C4	3585 A1	3597 A1	4414 C2	4428 A1	7405 B5	
2509 C5	2523 B6	2542 C3	2554 B1	2567 C1	2584 B3	3407 A3	3420 B4	3436 B5	3452 A5	3465 A4	3477 A4	3512 C1	3529 C1	3544 C5	3556 B4	3574 B1	3586 A1	3598 C1	4415 C1	4429 A1	7406 A4	
2510 C1	2524 B1	2543 C4	2555 B1	2568 A4	2585 C1	3408 A3	3421 B4	3437 B5	3453 A5	3466 A4	3479 A4	3515 A1	3530 C1	3545 C5	3557 B4	3575 B1	3587 A1	3599 C1	4416 C1	4430 C2	7407 A3	
2511 B1	2526 B1	2544 C4	2556 B1	2574 A4	2586 C1	3409 A4	3422 B4	3438 B1	3454 A5	3467 A4	3430 A4	3516 A1	3531 B5	3546 C5	3558 B4	3576 A1	3588 A1	4401 B1	4418 C1	4431 A4	7408 A5	



This assembly drawing shows a summary of all possible versions. For components used in a specific version see schematic diagram and respective parts list.

3139 113 3447 pt2 dd wk0119

FRONT DISPLAY BOARD - CIRCUIT DIAGRAM



Model (Mini 2061)	Option_R Ohms (3523)
FW-C500/07	180R
FW-C550/07	470R
FW-C700/07	820R
FW-C700/24	1K2
FW-C700/22	1K8
FW-C720/21	820R
FW-P750/07	2K7
FW-P750/22/24	3K9
FW-C780/21/22/80/37	5K6
FW-C780/24	8K2
FW-C780/33	12K

Model (Mini 2062)	Option_R Ohms (3539)
FW-S555/21/07	470R
FW-C750/21	820R
FW-C785/22	5K6
FW-C785/24	8K2
FW-C788/21/21M	5K6
FW-C788/30/07	5K6
FW-C788/33	12K
FW-V520/21M	5K6
FW-V730/21M	27K
FW-C798/21/07	5K6

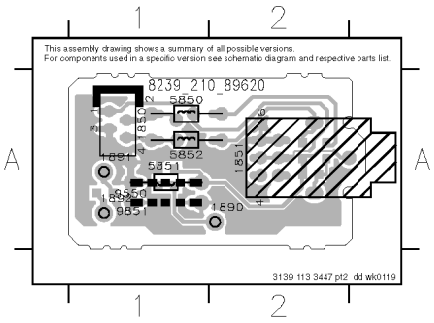
Items	For 30-70W Set	Others
3407 , 3408 , 3410 , 3411 , 3536 , 3538 , 3570 , 3571	4R7	10R

Items	VCD	Non-VCD
3479 , 3480 , 3422	100R	470R

3139 116 54300...br 89690...3447.pt2 dd wk0136

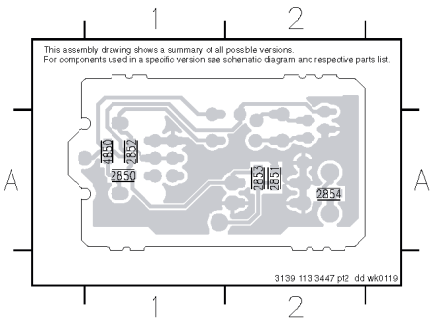
HEADPHONE BOARD - COMPONENT LAYOUT

1850 A1 1891 A1 5851 A1 9851 A1
1851 A2 1892 A1 5852 A1
1890 A2 5850 A1 9550 A1



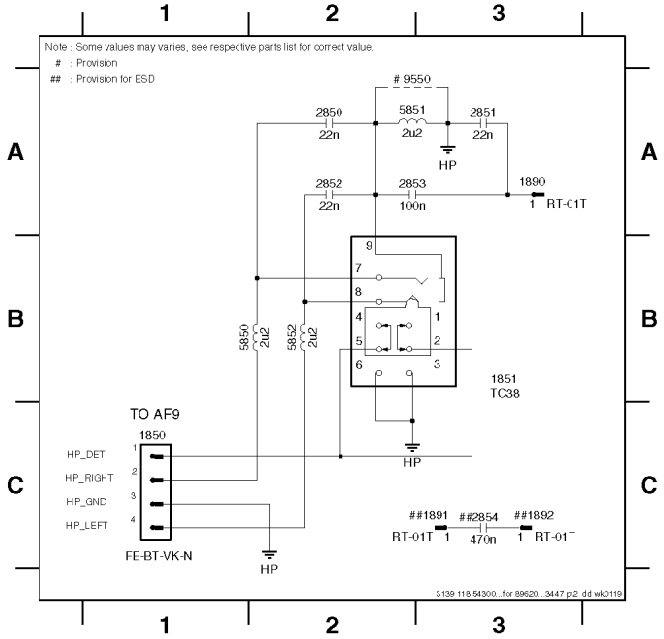
HEADPHONE BOARD - CHIP LAYOUT

2850 A1 2852 A1 2354 A2
2851 A2 2853 A2 4350 A1


This assembly drawing shows a summary of all possble versions.
For components used in a specific version see schematic diagram and respective parts list.
2850
2852
2853
2851
2854
3139 113 3447 pt2 dd wk0119

HEADPHONE BOARD - CIRCUIT DIAGRAM

1850 C1 1890 A3 1892 C3 2851 A3 2853 A2 5850 B1 5852 B2
1851 B3 1891 C3 2850 A2 2852 A2 2854 C3 5851 A2 9550 A2



TAPE ADJUSTMENT & CHECK TABLE

	TEST CASSETTE	RECORDER MODE	MEASURE ON	READ ON	ADJUST with	ADJUST to
ADJUST MOTOR SPEED						
NORMAL SPEED	SBC420 3150Hz	PLAY B	1 or 2 LEFT RIGHT	frequency counter	3620	3150Hz +/- 0.5%
		PLAY A			check	3150Hz -0.8/+1.8%
CHECK WOW & FLUTTER						
DECK A & B	SBC420 3150Hz	PLAY	1 or 2 LEFT RIGHT	W&F-meter	check	<0.4 % DIN
ADJUST AZIMUTH						
DECK A & B	SBC420 10kHz	PLAY FWD	1 or 2 LEFT RIGHT	mV-meter	left hand screw	max. output level & left=right
		PLAY REV #			right hand screw	
CHECK PLAYBACK FREQUENCY RESPONSE						
DECK A & B	SBC420	PLAY	1 or 2 LEFT RIGHT	mV-meter	check	limits see fig.1
ADJUST BIAS CURRENT						
DECK B	SBC419A^	RECORD	5 or 6 LEFT RIGHT	mV-meter	3773	995mV
	SBC420				check	750mV +/- 1.5dB
CHECK OVERALL FREQUENCY RESPONSE AND DISTORTION						
Inject 3mV signals 100Hz, 250Hz, 1kHz, 10kHz, 12.5kHz via 3 or 4	SBC419A^ or SBC420	RECORD B				
	RECORDED CASSETTE	PLAY B	1 or 2 LEFT RIGHT	mV-meter	check	limits see fig. 2 *
Inject 1kHz 3.85mV via 3 or 4	SBC419A^ or SBC420	RECORD B				
	RECORDED CASSETTE	PLAY B	1 or 2 LEFT RIGHT	THD-meter	check	<3% *

SBC419A^: 4822 397 30069
SBC420 : 4822 397 30071

\# For Auto-reverse version only
* If high frequencies are not within limits, decrease bias and re-measure.
If distortion is too high, increase bias and re-meaure
^ Not applicable for Ferro version

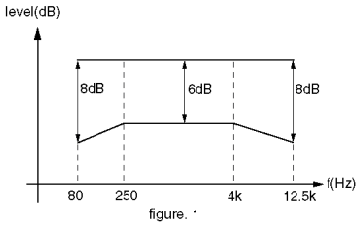


figure. *

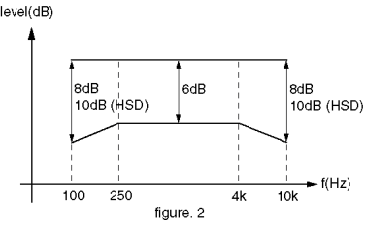
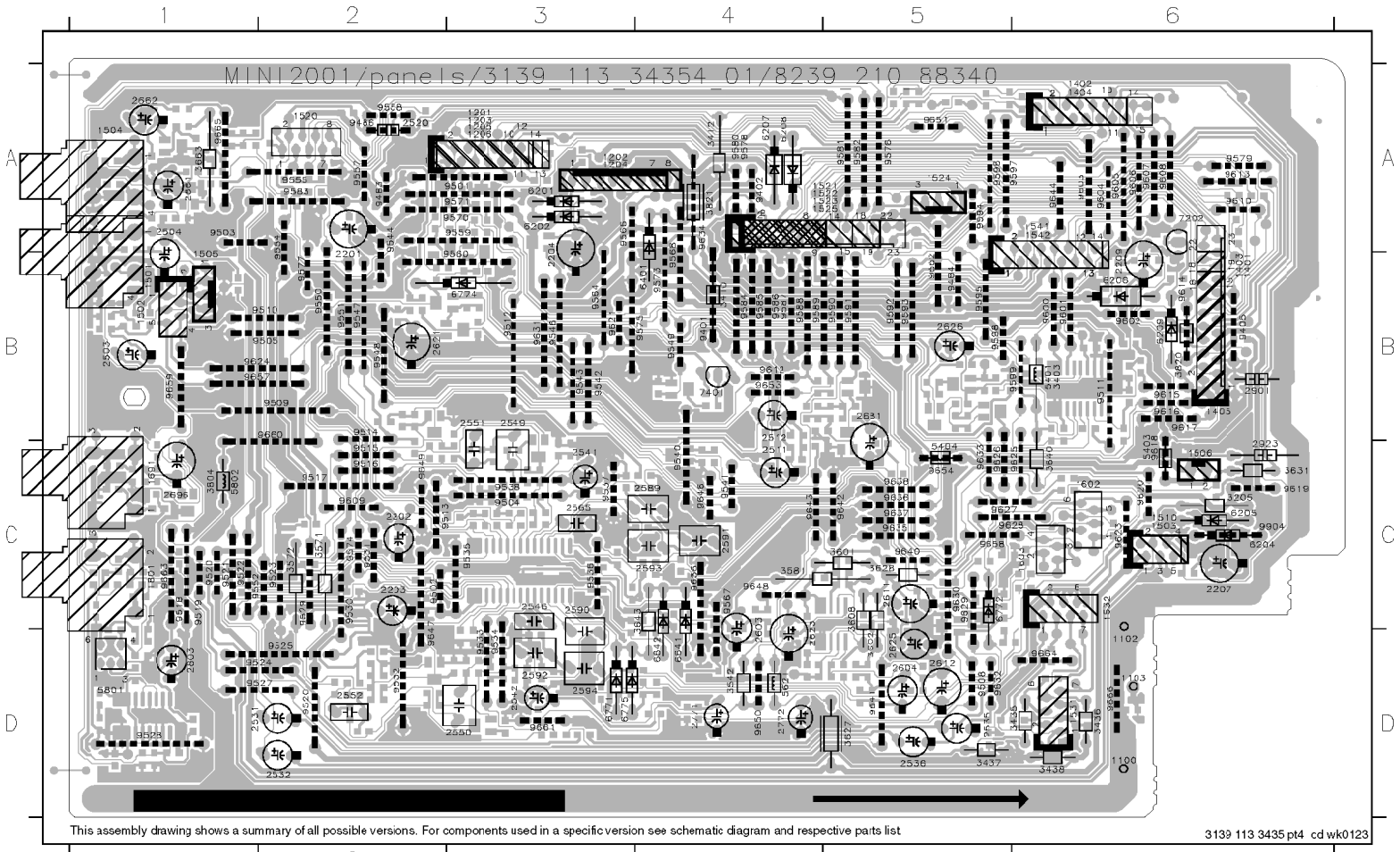


figure. 2

AF9 BOARD

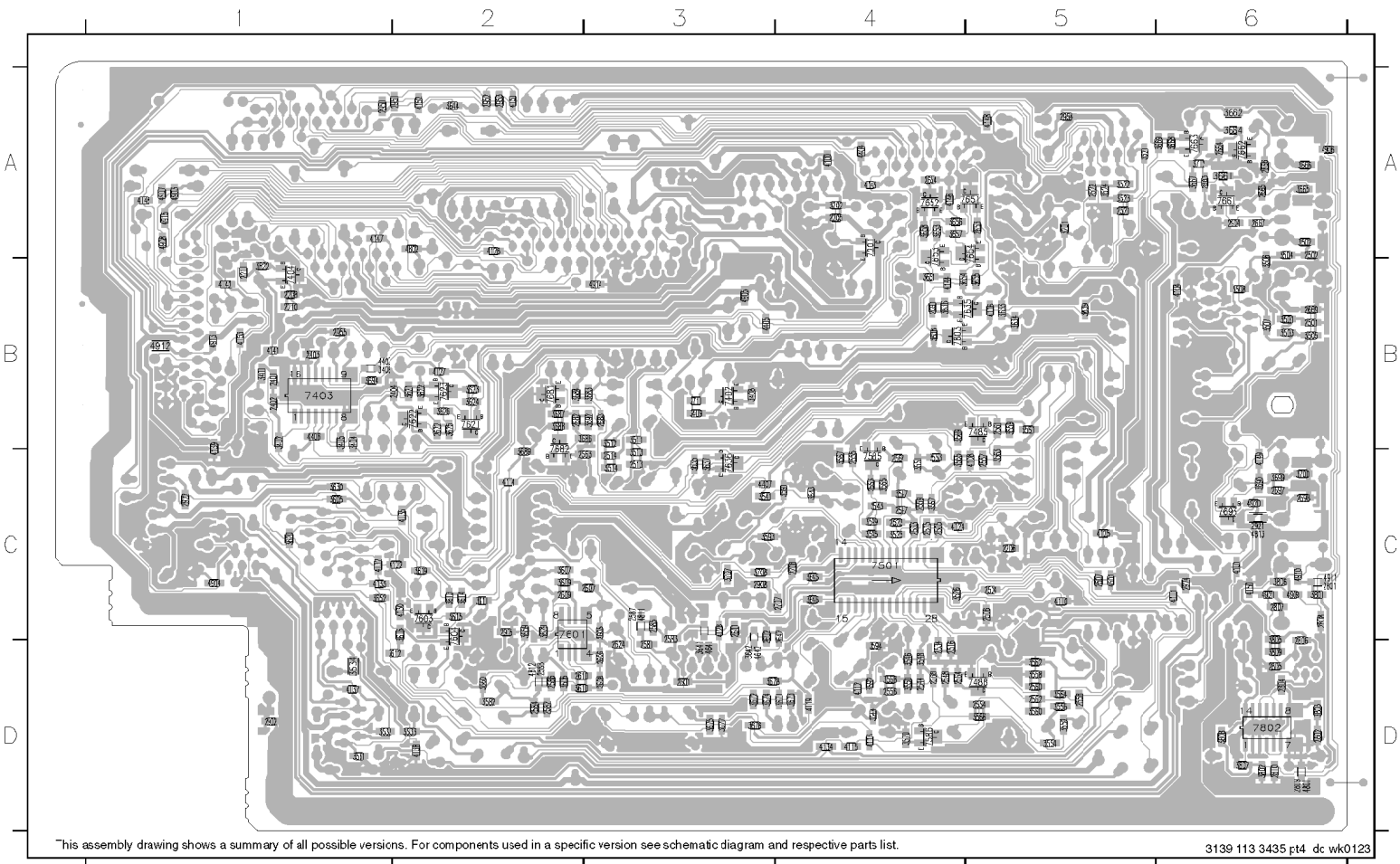
AF9 BOARD - COMPONENT LAYOUT

1100	D6	1503	C6	1603	C6	2535	D5	2603	D4	2923	C6	3627	D5	6202	A3	9401	B4	9513	C2	9529	C2	9547	B2	9570	A3	9587	B4	9603	A6	9620	C6	9637	C5	9657	B1
1102	D6	1504	A1	1691	C1	2536	D5	2604	D5	3205	C6	3628	C5	6204	C6	9402	A4	9514	B2	9530	C2	9548	B2	9571	A3	9588	B4	9604	A6	9621	B3	9638	C5	9658	C5
1103	D6	1505	B1	1801	C1	2541	C3	2611	C5	3403	B6	3631	C6	6205	C6	9405	B6	9515	C2	9531	C2	9549	B4	9573	B4	9589	B4	9605	A6	9623	C6	9640	C5	9659	B1
1201	A3	1506	C6	2201	B2	2542	D3	2612	D5	3410	B4	3640	C6	6206	B6	9433	A2	9516	C2	9532	D2	9550	B2	9574	C2	9590	B5	9606	A6	9624	B1	9641	D5	9660	B2
1202	A3	1510	C6	2202	C2	2546	C3	2621	B2	3412	A4	3643	C4	6207	A4	9434	B5	9517	C2	9533	D3	9551	B2	9575	B4	9591	B5	9607	A6	9625	C6	9642	C5	9661	D3
1203	A3	1520	A2	2203	C2	2549	B3	2623	D4	3435	D6	3663	A1	6208	A4	9436	A2	9518	C1	9534	D3	9552	C1	9576	A5	9592	B5	9608	A6	9626	C5	9643	C4	9662	B5
1204	A3	1521	A5	2204	B3	2550	D3	2625	D5	3436	D6	3804	C1	6209	B6	9501	A3	9519	C1	9535	C3	9554	A2	9577	B2	9593	B5	9609	C2	9627	C5	9644	A6	9663	C1
1205	A3	1522	A5	2207	C6	2551	B3	2626	B5	3437	D5	3820	B6	6401	B4	9502	C2	9520	C1	9536	C3	9555	A2	9578	A4	9594	A5	9610	A6	9628	C5	9646	C4	9664	D6
1206	A3	1523	A5	2209	B6	2552	D2	2661	A1	3438	D6	3821	A4	6641	D4	9503	A1	9521	C1	9537	C3	9557	A2	9579	A6	9595	B5	9612	B4	9629	C5	9647	D2	9665	A1
1401	B6	1524	A5	2503	B1	2565	C3	2662	A1	3542	D4	5401	B6	6642	D4	9504	C3	9522	C1	9538	D3	9558	A2	9580	A4	9596	A5	9613	A6	9630	C5	9648	C4	9666	D6
1402	A6	1525	A5	2504	A1	2589	C4	2681	B5	3571	C2	5403	C6	6771	D3	9505	B2	9523	C2	9540	C4	9559	A3	9581	A5	9597	A6	9614	B6	9631	B3	9649	C2	9904	C6
1403	B6	1531	D6	2511	C4	2590	C3	2696	C1	3572	C2	5404	C5	6772	C5	9538	D5	9524	D2	9541	C4	9560	B3	9582	A5	9598	B5	9615	B6	9632	D5	9650	D4		
1404	A6	1532	C6	2512	B4	2591	C4	2771	D4	3581	C4	5621	D4	6774	B3	9539	B2	9525	D2	9542	B3	9564	B3	9583	A2	9599	B6	9616	B6	9633	C5	9651	A5		
1405	B6	1541	A6	2520	A2	2592	D3	2772	D4	3601	C5	5801	D1	6775	D3	9510	B2	9526	D2	9543	B3	9566	A3	9584	B4	9600	B6	9617	B6	9634	A4	9653	B4		
1501	B1	1542	A6	2531	D1	2593	C4	2803	D1	3602	D5	5802	C1	7202	A6	9511	B6	9527	D2	9544	A2	9567	C4	9585	B4	9601	B6	9618	C6	9635	C5	9654	C5		
1502	B1	1602	C6	2532	D2	2594	D3	2901	B6	3608	C5	6201	A3	7401	B4	9512	B3	9528	D1	9546	B3	9568	B4	9586	B4	9602	B6	9619	C6	9636	C5	9656	C4		

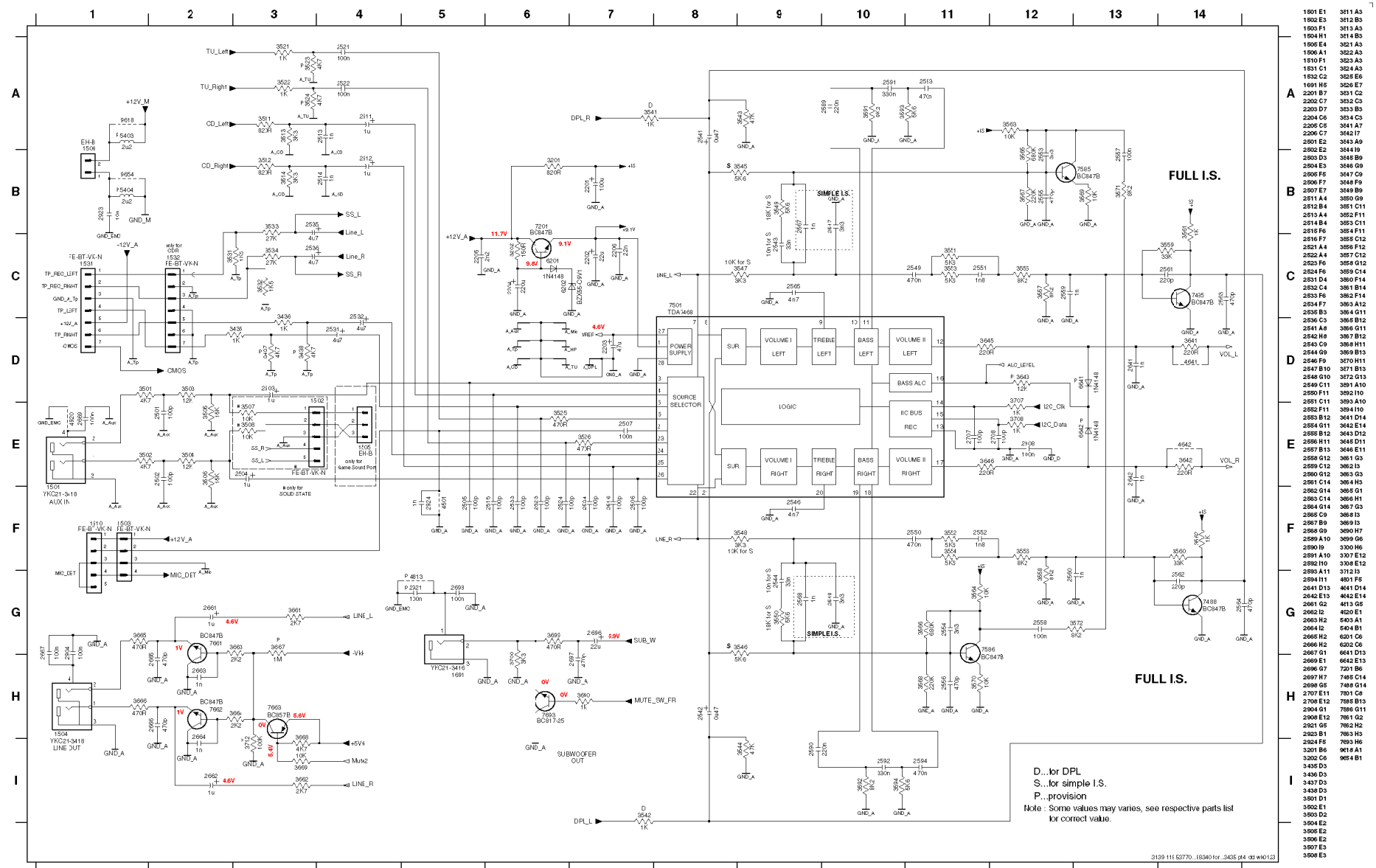


AF9 BOARD - CHIP LAYOUT

2205	A4	2523	C4	2567	C4	2641	C3	2805	D6	3202	A4	3521	A5	3552	D5	3591	C4	3624	B2	3654	B4	3676	D3	3803	D5	4124	C4	4148	A5	4904	C1	7501	C4	7693	C6
2206	C5	2524	C5	2568	D4	2642	C4	2806	D6	3401	B1	3522	A5	3553	C4	3592	D4	3625	B2	3655	B5	3677	D3	3805	C3	4125	C5	4149	C6	4905	B3	7585	C4	7802	D6
2208	B1	2533	C4	2581	D3	2653	A5	2807	C6	3402	B1	3523	A5	3554	D5	3593	C3	3626	B2	3656	A4	3678	D3	3806	C3	4126	A2	4150	C6	4906	A6	7586	C4	7803	B4
2210	B1	2534	D4	2582	D2	2654	A4	2808	C6	3404	B1	3524	A5	3555	C4	3594	D4	3629	C2	3657	A4	3683	B3	3807	D5	4127	B2	4151	A2	4907	A1	7601	C2		
2211	B1	2543	C4	2583	C3	2663	A6	2809	D6	3405	B1	3525	C4	3556	D5	3605	C1	3630	C1	3658	A4	3684	B2	3808	D5	4128	C3	4152	A2	4908	A1	7603	C2		
2401	B1	2544	D4	2584	D2	2664	A6	2810	D6	3406	B1	3525	C4	3557	C4	3606	D2	3633	B5	3659	C2	3686	B3	3809	D5	4130	C2	4153	B1	4909	C6	7604	C2		
2402	B1	2547	C4	2585	C3	2665	A6	2902	D1	3408	B3	3531	D1	3558	D5	3607	C2	3634	B5	3660	D2	3687	B2	3822	B1	4132	C1	4403	B1	4910	C6	7621	E2		
2403	B1	2548	D4	2586	D2	2666	A6	2904	A6	3409	B3	3532	D1	3559	B5	3609	C2	3635	C3	3661	A6	3688	B2	4100	A4	4133	C1	4404	A4	4911	C6	7622	E2		
2404	B2	2553	C4	2587	C3	2667	A6	2905	C2	3501	B6	3533	D2	3560	D5	3610	D2	3636	B4	3662	A6	3689	C2	4101	C5	4134	D4	4405	B3	4912	B1	7623	E2		
2501	B6	2554	D5	2588	D2	2669	B6	2908	C3	3502	A6	3534	D1	3561	B5	3611	C2	3637	C3	3664	A6	3690	C6	4104	B5	4135	C2	4406	B1	4913	B1	7635	E5		
2502	A6	2555	C4	2601	D3	2682	B2	2921	C6	3503	B6	3541	C3	3562	D5	3612	D2	3638	B4	3665	A6	3692	B3	4108	C5	4137	D1	4407	C3	4914	B3	7636	C3		
2505	C4	2556	D4	2602	C3	2683	B3	2922	C1	3504	A6	3543	C4	3563	C5	3613	C2	3639	B5	3666	A6	3694	B1	4110	C5	4138	D2	4501	C5	4915	A1	7651	A5		
2506	C5	2557	C5	2605	C3	2691	B4	2924	C6	3505	B6	3544	D4	3564	D5	3614	C2	3641	D3	3667	A6	3699	C6	4111	C5	4139	B1	4641	D3	4920	C6	7652	A4		
2507	C5	2558	D5	2606	D3	2697	C6	2950	A1	3506	B6	3545	C4	3565	C4	3615	C2	3642	D3	3668	A6	3700	C6	4112	D4	4141	B1	4642	D3	4921	C6	7653	A4		
2513	C3	2559	C4	2607	C3	2698	C6	2951	A2	3507	B6	3545	D4	3566	D5	3616	C2	3644	A2	3669	A6	3707	C3	4113	D4	4142	B1	4801	D6	7201	A4	7654	A5		
2514	C3	2560	D5	2608	D3	2707	C4	2952	A2	3508	B6	3547	C4	3567	C4	3619	C2	3645	C4	3671	D4	3708	C3	4114	C2	4143	A4	4802	A2	7402	B3	7661	A6		
2515	C4	2561	B5	2609	C2	2708	C4	2953	A2	3511	B3	3548	D4	3568	D4	3620	C1	3646	C4	3672	D3	3711	B3	4115	D4	4144	B4	4811	C3	7403	B1	7662	A6		
2516	D4	2562	D5	2610	D2	2801	C6	2954	A5	3512	B3	3549	C4	3569	B4	3621	B2	3651	B4	3673	D4	3712	A6	4116	B5	4145	A1	4812	D2	7404	B1	7663	A6		
2521	A5	2563	C3	2622	B2	2802	D6	2955	B1	3513	C3	3550	D4	3570	D4	3622	B2	3652	C1	3674	D3	3801	C6	4119	D4	4146	A4	4813	C6	7485	B5	7681	E2		
2522	A5	2564	D4	2624	D3	2804	D6	3201	A5	3514	C3	3551	C4	3582	D2	3623	B2	3653	A4	3675	D3	3802	D6	4122	C2	4147	A1	4903	A1	7488	D5	7682	E2		

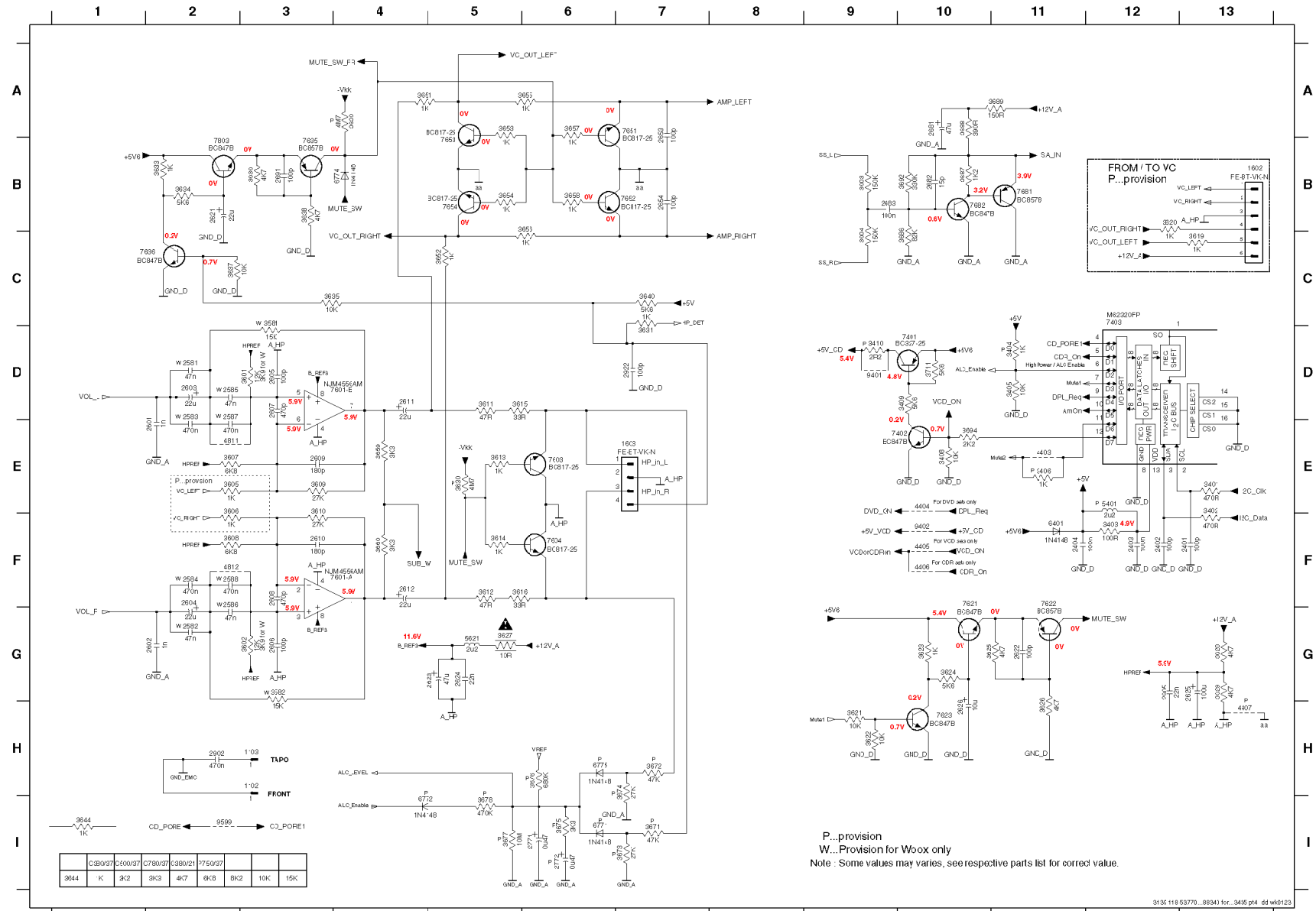


AF9 BOARD - CIRCUIT DIAGRAM (PART 1)



1501 E1	3811 A3
1502 E3	3812 B3
1503 F1	3813 A3
1504 H1	3814 B3
1506 E4	3821 A3
1506 A1	3822 A3
1510 F1	3823 A3
1531 C1	3824 A3
1532 C2	3825 E6
1691 H5	3826 E7
2201 B7	3851 C2
2202 C7	3852 C3
2203 D7	3853 B3
2204 C6	3854 C3
2205 C5	3841 A7
2206 C7	3842 I7
2501 E2	3843 A9
2502 E2	3844 I9
2503 D3	3845 B9
2504 E3	3846 G9
2505 F5	3847 C9
2506 F7	3848 F9
2507 E7	3849 B9
2511 A4	3850 G9
2512 B4	3851 C11
2513 A4	3852 F11
2514 B4	3853 C11
2515 F6	3854 F11
2516 F7	3855 C12
2521 A4	3856 F12
2522 A4	3857 C12
2523 F6	3858 G12
2524 F6	3859 C14
2531 D4	3860 F14
2532 C4	3861 B14
2533 F6	3862 F14
2534 F7	3863 A12
2535 B3	3864 G11
2536 C3	3865 B12
2541 A8	3866 G11
2542 H6	3867 B12
2543 C9	3868 H11
2544 G9	3869 B13
2546 F9	3870 H11
2547 B10	3871 B13
2548 G10	3872 G13
2549 C11	3891 A10
2550 F11	3892 I10
2551 C11	3893 A10
2552 F11	3894 I10
2553 B12	3641 D14
2554 G11	3642 E14
2555 B12	3643 D12
2556 H11	3645 D11
2557 B13	3646 E11
2558 G12	3661 G3
2559 C12	3662 I3
2560 G12	3663 G3
2561 C14	3664 H3
2562 G14	3665 G1
2563 C14	3666 H1
2564 G14	3667 G3
2568 C9	3668 I3
2567 B9	3669 I3
2568 G9	3690 H7
2589 A10	3699 G6
2590 I9	3700 H6
2591 A10	3707 E12
2592 I10	3708 E12
2593 A11	3712 I3
2594 I11	4801 F5
2641 D13	4641 D14
2642 E13	4642 E14
2661 G2	4613 G6
2662 I2	4620 E1
2663 H2	5403 A1
2664 I2	5404 B1
2665 H2	6201 C6
2666 H2	6202 C6
2667 G1	6641 D13
2669 E1	6642 E13
2696 G7	7201 B6
2697 H7	7485 C14
2698 G6	7486 G14
2707 E11	7801 C8
2708 E12	7585 B13
2904 G1	7586 G11
2908 E12	7661 G2
2921 G5	7662 H2
2923 B1	7663 H3
2924 F5	7693 H6
3201 B6	9618 A1
3202 C6	9654 B1
3435 D3	
3436 D3	
3437 D3	
3438 D3	
3501 D1	
3502 E1	
3503 D2	
3504 E2	
3505 E2	
3506 E2	
3507 E3	
3508 E3	

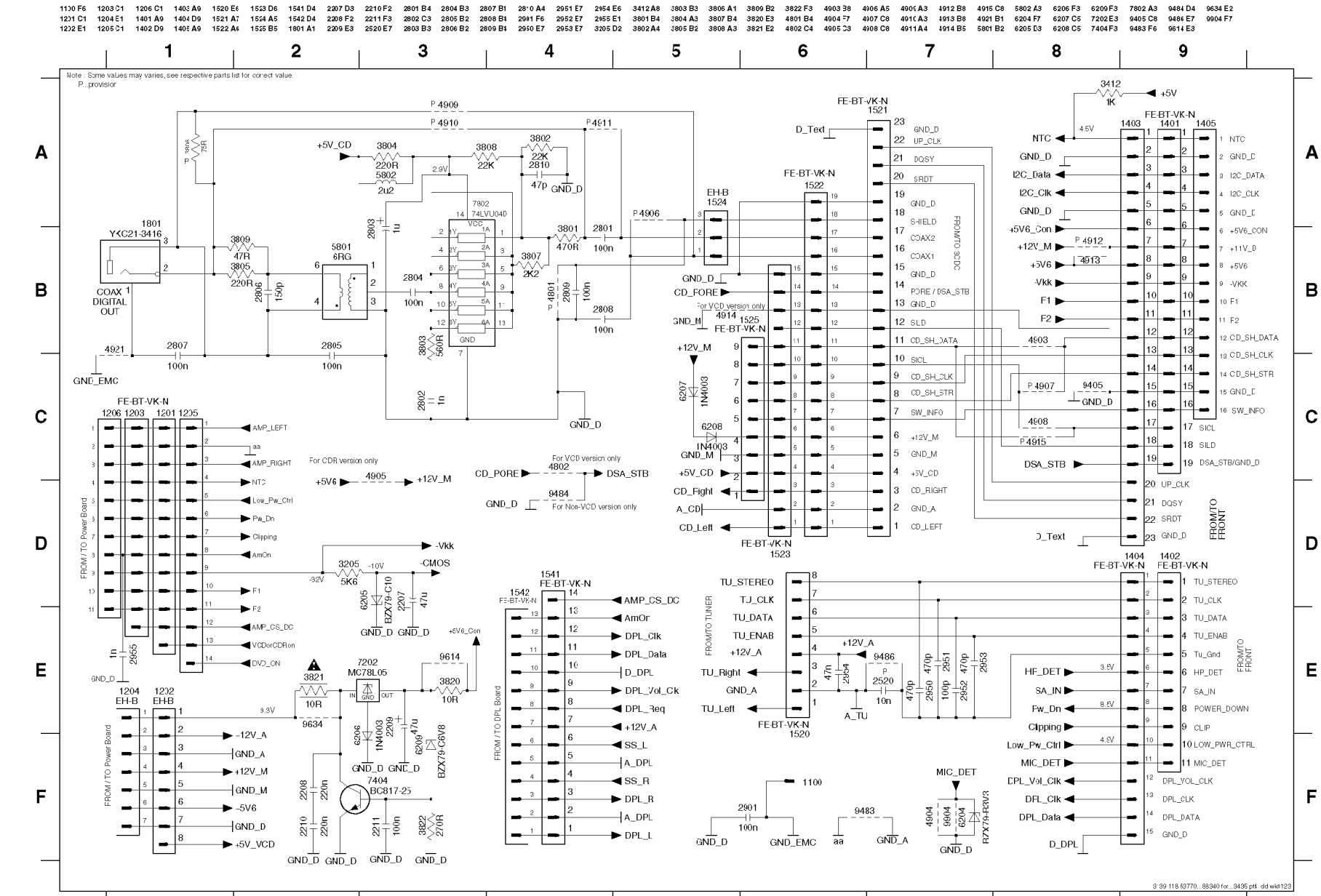
AF9 BOARD - CIRCUIT DIAGRAM (PART 2)



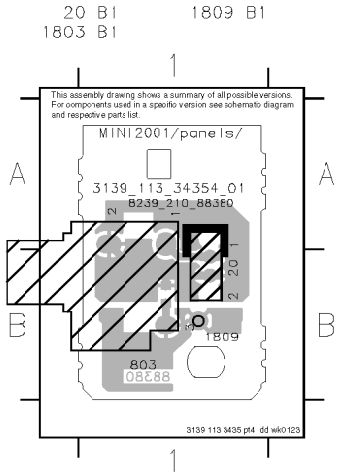
	C390/37	C600/37	C780/37	C980/21	P750/37			
3644	1K	2K2	3K3	4K7	6K8	8K2	10K	15K

1102 H3
1103 H3
1602 B13
1603 E7
2401 F13
2402 F12
2403 F12
2404 F11
2581 D2
2582 G2
2583 D2
2584 F2
2585 D2
2586 F2
2587 D2
2588 F2
2601 E2
2602 G2
2603 D2
2604 F2
2605 D3
2606 G3
2607 D3
2608 F3
2609 E3
2610 F3
2611 D4
2612 F4
2621 B2
2622 G11
2623 G5
2624 G5
2625 G13
2626 H10
2653 A7
2654 B7
2681 A10
2682 B10
2683 B9
2691 B3
2771 I6
2772 I6
2902 H2
2905 G12
2922 D7
3401 E13
3402 E13
3403 F12
3404 D11
3405 D11
3406 E11
3408 E10
3409 D10
3410 D9
3581 D3
3582 G3
3601 D3
3602 G3
3605 E2
3606 F2
3607 E2
3608 F2
3609 E3
3610 F3
3611 D5
3612 F5
3613 E5
3614 F5
3615 D5
3616 F5
3619 C13
3620 B12
3621 H9
3622 H9
3623 G10
3624 G10
3625 G10
3626 H11
3627 G5
3628 G13
3629 G13
3630 E5
3631 D7
3633 B2
3634 B2
3635 C3
3636 B3
3637 C2
3638 B3
3639 A4
3640 C7
3644 I1
3651 A4
3652 C5
3653 A5
3654 B5
3655 A6
3656 C6
3657 A6
3658 B6
3659 E4
3660 F4
3671 I7
3672 H7
3673 I7
3674 H7
3675 I6
3676 H6
3677 I5
3678 I5
3683 B9
3684 C9
3686 C10
3687 B10
3688 A10
3689 A11
3692 B10
3693 D2
3694 E10
3711 D10
4403 E11
4404 E10
4405 F10
4406 F10
4407 H13
4811 E2
4812 F2
5401 E12
5521 G5
6401 F11
6771 I6
6772 I4
6774 B4
6775 H6
7401 D10
7402 E10
7403 C12
7501-A G3
7501-B D3
7303 E6
7304 F6
7321 F10
7322 F11
7323 H10
7535 B3
7536 C2
7551 A7
7552 B7
7553 B5
7554 B5
7581 B11
7582 B10
7903 B2
9401 D9
9402 F10
9599 I2

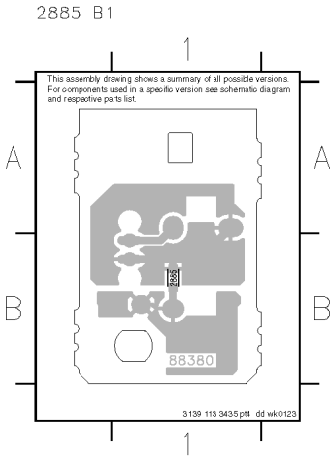
AF9 BOARD - CIRCUIT DIAGRAM (PART 3)



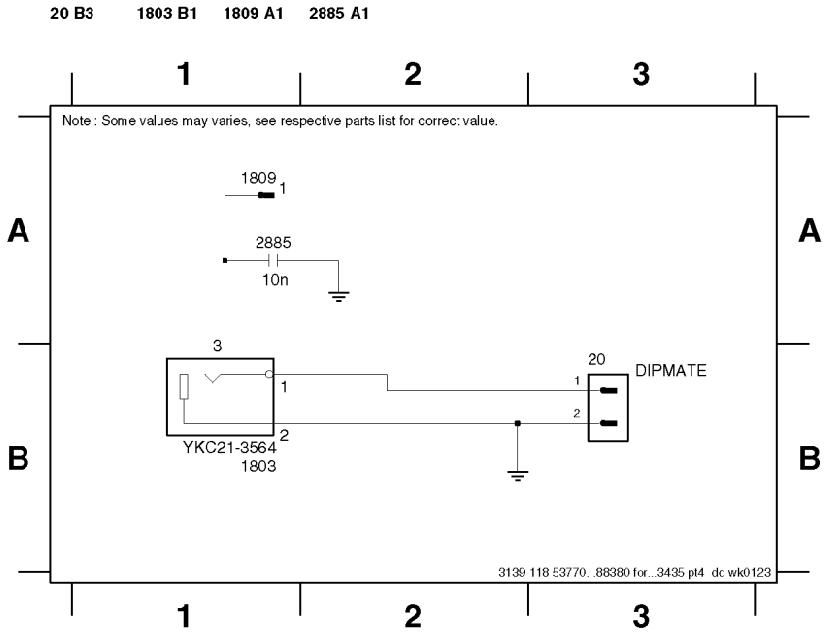
VIDEO OUT CINCH BOARD - COMPONENT LAYOUT



VIDEO OUT CINCH BOARD - CHIP LAYOUT


2885 B1
1
This assembly drawing shows a summary of all possible versions. For components used in a specific version see schematic diagram and respective parts list.
A
B
88380
3139 113 3435 pt4 dd wk0123

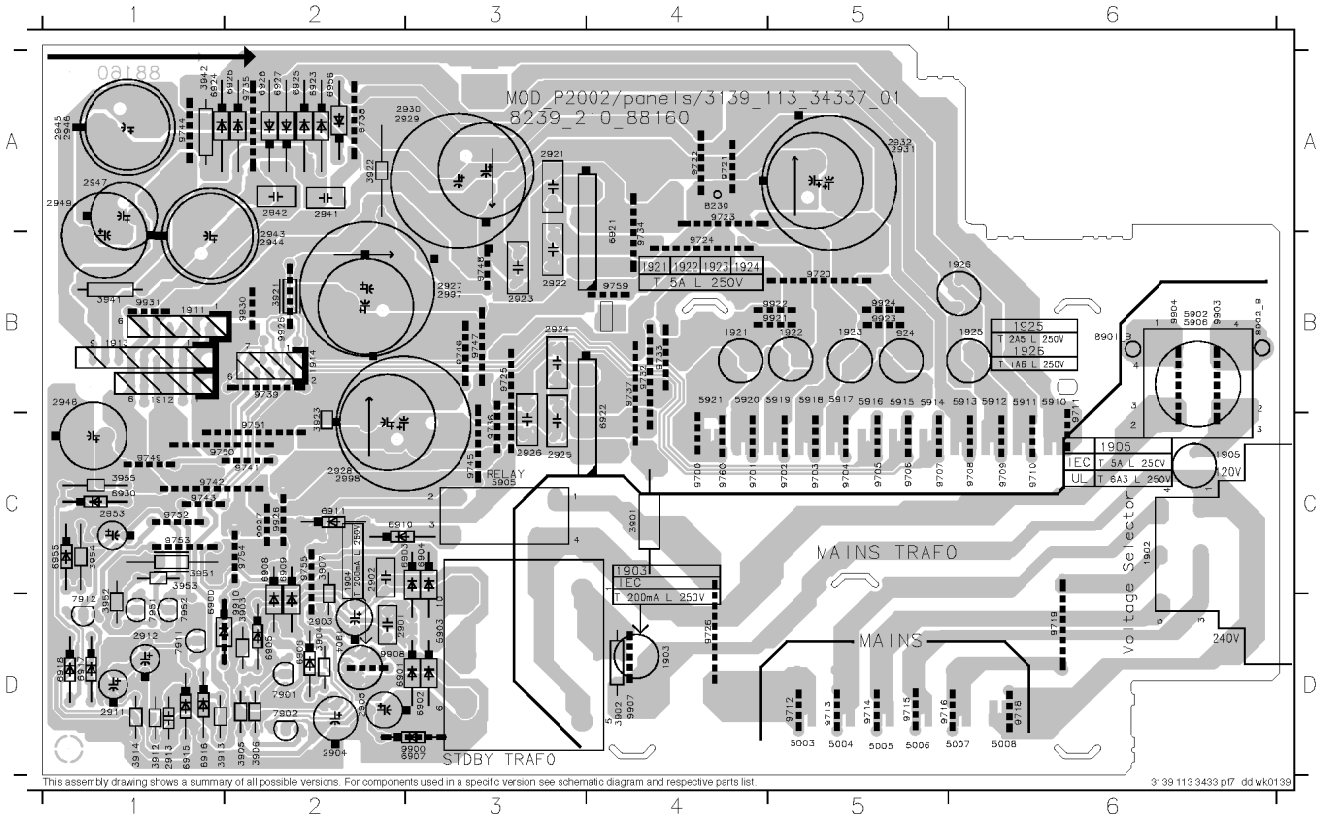
VIDEO OUT CINCH PART - CIRCUIT DIAGRAM



MMPWR 100W MODULE

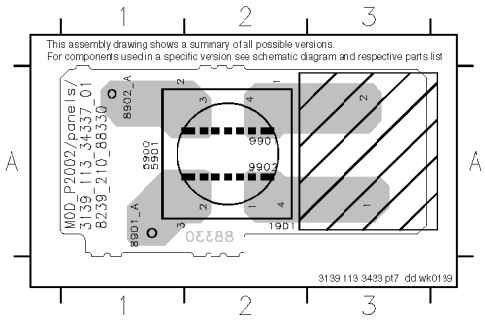
MAINS BOARD - COMPONENT VIEW

1902 C6 1926 B6 2925 C3 2946 A1 3907 C2 3955 C1 5912 B6 6903 C2 6921 A4 7911 D1 9706 C5 9720 B5 9738 A2 9752 C1 9922 B5
1903 D4 2601 D2 2926 C3 2947 A1 3912 D1 5003 D5 5913 B6 6904 C3 6922 C4 7912 D1 9707 C5 9721 A2 9739 B2 9753 C1 9923 B5
1904 D2 2602 C2 2927 B3 2948 B1 3913 D1 5004 D5 5914 B5 6905 D2 6923 A2 7951 D1 9708 C6 9722 A2 9741 C2 9754 C2 9924 B5
1905 C6 2603 D2 2928 C2 2949 A1 3914 D1 5005 D5 5915 B5 6906 D2 6924 A1 7952 D1 9709 C6 9723 A2 9742 C1 9755 C2 9925 B2
1911 B1 2604 D2 2929 A3 2953 C1 3921 B2 5006 D5 5916 B5 6907 D3 6925 A2 8230 A4 9710 C6 9724 B2 9743 C1 9758 B4 9926 C2
1912 B1 2605 D2 2930 A3 2997 B3 3922 A2 5007 D6 5917 B5 6908 C2 6926 A2 8901_B B6 9711 C6 9725 B3 9744 A1 9760 C4 9927 C2
1913 B1 2611 D1 2931 A5 2998 C2 3923 C2 5008 D6 5918 B5 6909 C2 6927 A2 8902_B B6 9712 D5 9726 D2 9745 C3 9900 D3 9930 B2
1914 B2 2612 D1 2932 A5 3901 C4 3941 B1 5902 B6 5919 B5 6910 C2 6928 A2 9700 C4 9713 D5 9732 B2 9746 B3 9903 B6 9931 B1
1921 B4 2613 D1 2933 A2 3902 D4 3942 A1 5903 D3 5920 B4 6911 C2 6930 C1 9701 C4 9714 D5 9733 B2 9747 B3 9904 B6
1922 B5 2621 A3 2942 A2 3903 D2 3951 C1 5905 C3 5921 B4 6915 D1 6955 C1 9702 C5 9715 D5 9734 B2 9748 B3 9907 D4
1923 B5 2622 B3 2943 B2 3904 D2 3952 D1 5906 B6 6900 D1 6956 A2 9703 C5 9716 D5 9735 A2 9749 C1 9908 D2
1924 B5 2623 B3 2944 B2 3905 D2 3953 C1 5910 B6 6901 D2 6917 D1 7901 D2 9704 C5 9718 D6 9736 C3 9750 C1 9910 D2
1925 B6 2624 B3 2945 A1 3906 D2 3954 C1 5911 B6 6902 D3 6918 D1 7902 D2 9705 C5 9719 D6 9737 B2 9751 C2 9921 B5


MOD_P2002/panels/3139_113_34337_01
8239_2_0_88160
T 5A L 250V
MAINS TRAFO
MAINS
STDBY TRAFO
RELAY
3905
T 200mA L 250V
IEC T 5A L 250V
UL T 6A3 L 250V
Voltage Selector
240V
This assembly drawing shows a summary of all possible versions. For components used in a specific version see schematic diagram and respective parts list.
3139 113 3433 pt7 dd wk0139

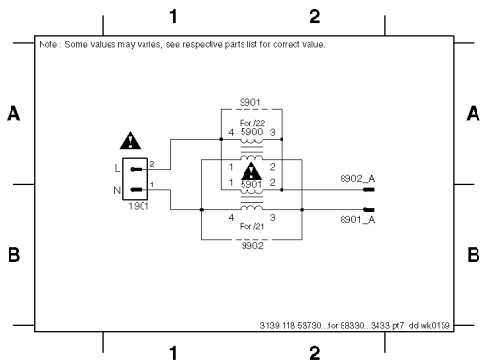
MAINS SOCKET - COMPONENT VIEW

1901 A2 5901 A1 8902_A A1 9902 A2
5900 A1 8901_A A1 9901 A2

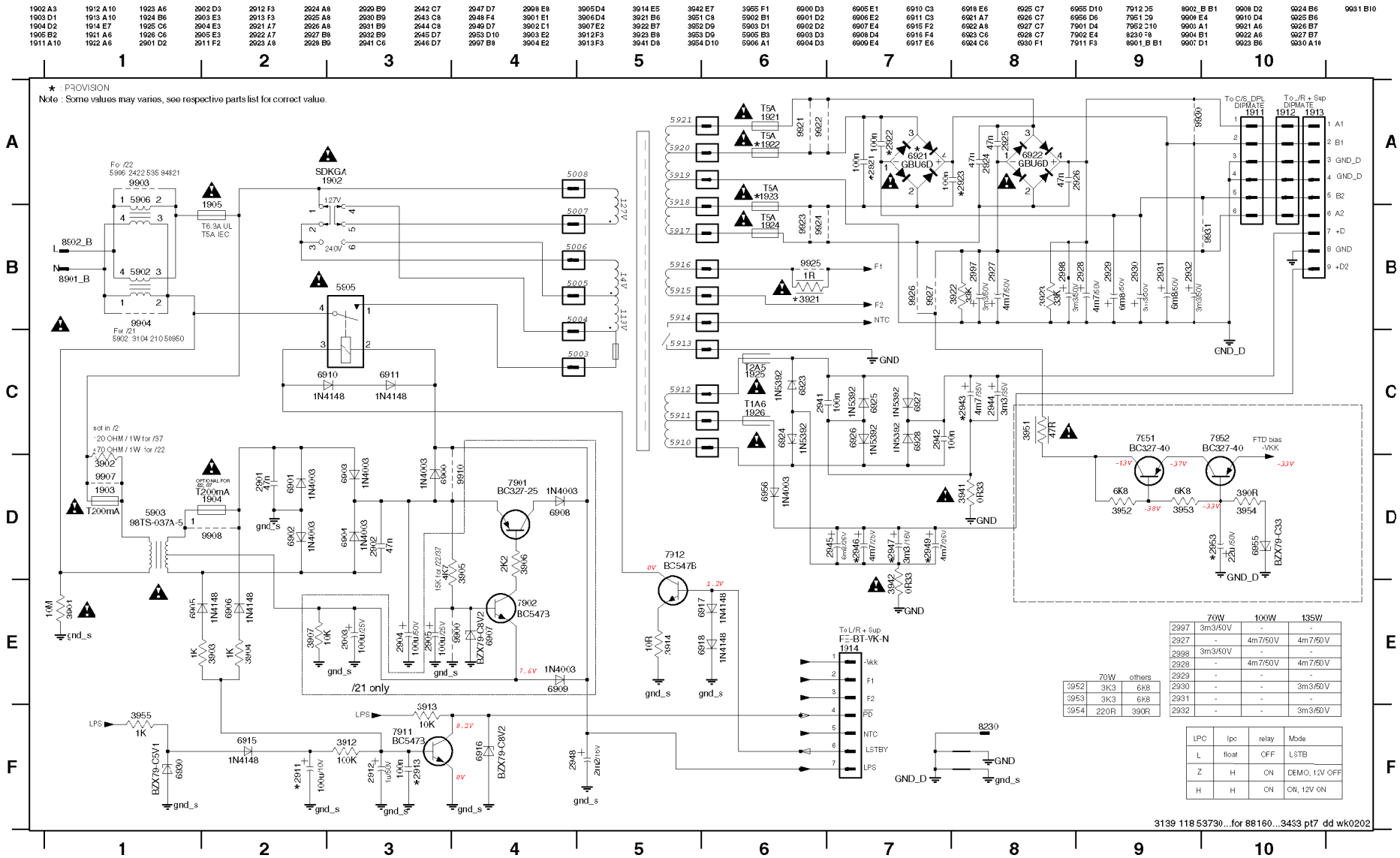

This assembly drawing shows a summary of all possible versions.
For components used in a specific version see schematic diagram and respective parts list
MOD_P2002/panels/3139_113_34337_01
8239_210_88330
3139 113 3433 pt7 dd wk0139

MAINS SOCKET - CIRCUIT DIAGRAM

1901 B1 5901 A2 8902_A A2 9902 B2
5900 A2 8901_A B2 9901 A2



MAINS BOARD - CIRCUIT DIAGRAM



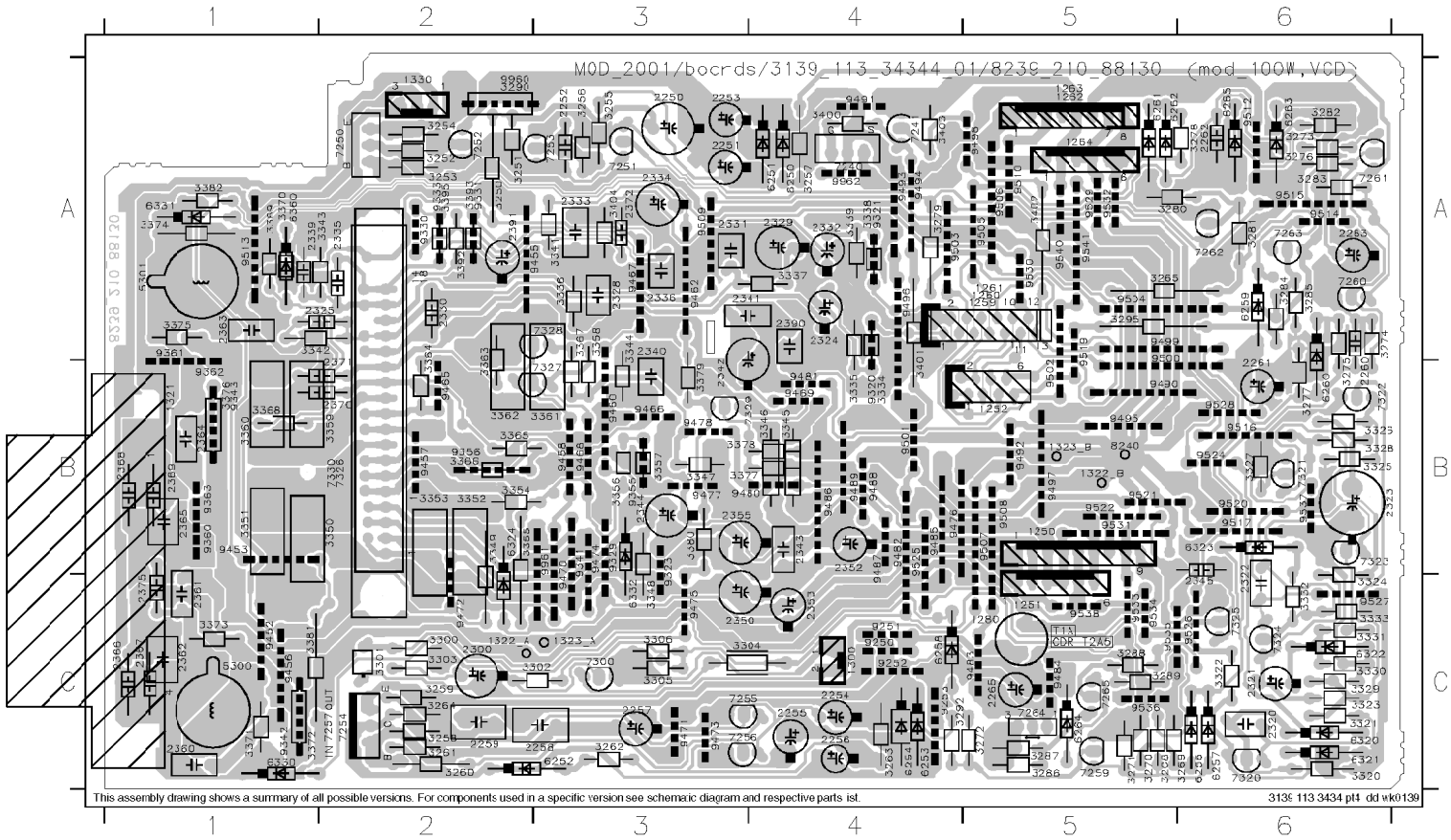
70W	100W	135W
2997 3m3/50V	-	-
2927 -	4m7/50V	4m7/50V
2998 3m3/50V	-	-
2928 -	4m7/50V	4m7/50V
2929 -	-	-
2930 -	-	3m3/50V
2931 -	-	-
2932 -	-	3m3/50V

	70W	others
3952	3K3	6K8
3953	3K3	6K8
3954	220R	390R

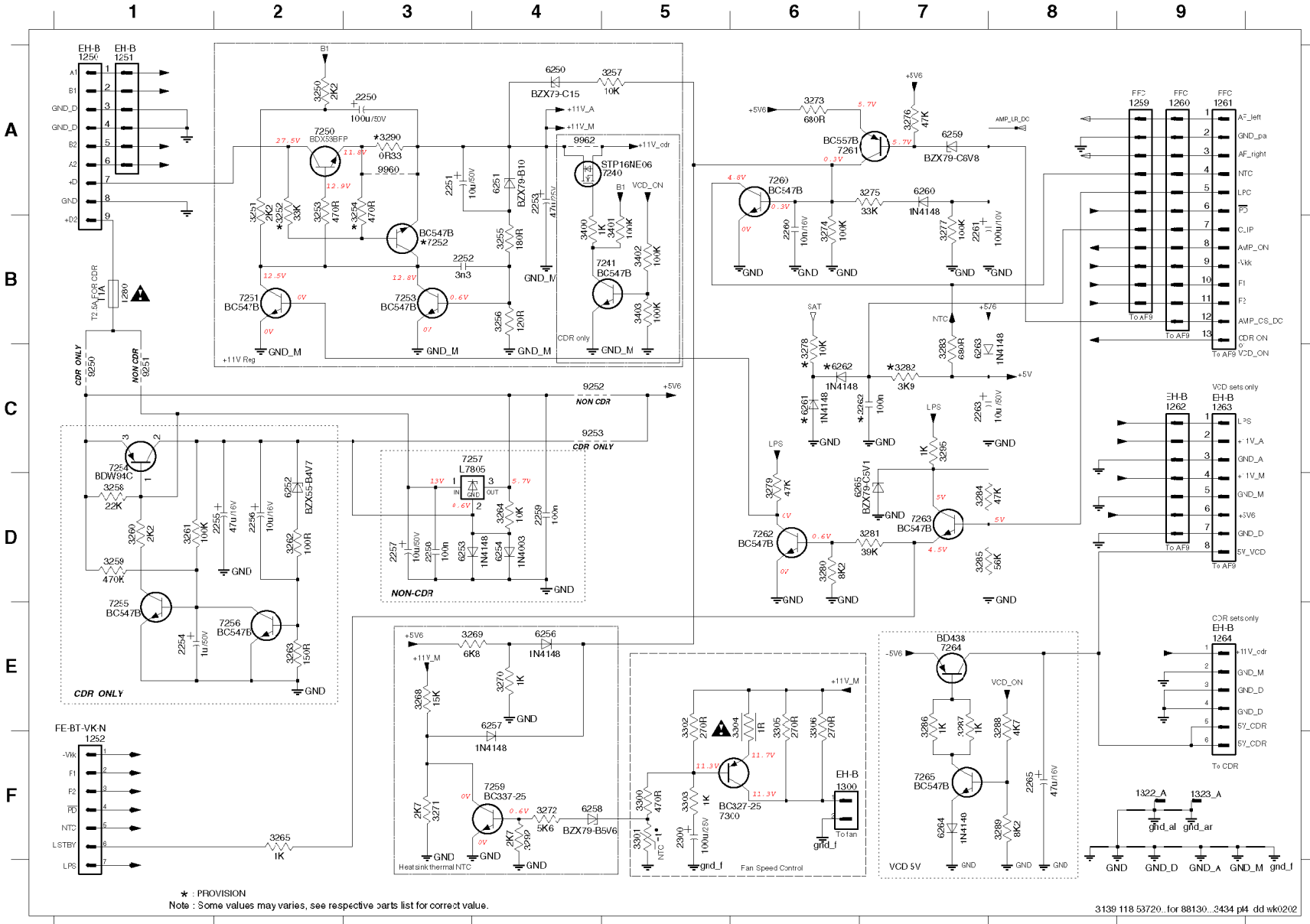
LPC	Ipc	relay	Mode
L	float	OFF	LSTB
Z	H	ON	DEMO, 12V OFF
H	H	ON	ON, 12V ON

LEFT/RIGHT AMPLIFIER & SUPPLY BOARD - COMPONENT VIEW

1250 B5
1251 C5
1252 B5
1259 A5
1260 A5
1261 A5
1262 A5
1263 A5
1264 A5
1280 C5
1300 C4
1321 B1
1322_A C2
1322_B B5
1323_A C3
1323_B B5
1330 A2
2250 A3
2251 A3
2252 A3
2253 A3
2254 C4
2255 C4
2256 C4
2257 C3
2258 C3
2259 C2
2260 B6
2261 B6
2262 A6
2263 A6
2265 C5
2300 C2
2320 C6
2321 C6
2322 C6
2323 B6
2324 A4
2325 A2
2328 A3
2329 A4
2330 A2
2331 A3
2332 A4
2333 A3
2334 A3
2335 A2
2336 A3
2339 A1
2340 A3
2341 A3
2342 B3
2343 B4
2344 B3
2345 C6
2350 C3
2352 B4
2353 C4
2355 B3
2360 C1
2361 C1
2362 C1
2363 A1
2364 B1
2365 B1
2366 C1
2367 C1
2368 B1
2369 B1
2370 B2
2371 B2
2372 A3
2375 C1
2390 A4
2391 A2
3250 A2
3251 A2
3252 A2
3253 A2
3254 A2
3255 A3
3256 A3
3257 A4
3258 C2
3259 C2
3260 C2
3261 C2
3262 C3
3263 C4
3264 C2
3265 A5
3268 C5
3269 C6
3270 C5
3271 C5
3272 C5
3273 A6
3274 A6
3275 B6
3276 A6
3277 B6
3278 A6
3279 A4
3280 A5
3281 A6
3282 A6
3283 A6
3284 A6
3285 A6
3286 C5
3287 C5
3288 C5
3289 C5
3290 A2
3292 C4
3295 A5
3300 C2
3301 C2
3302 C3
3303 C2
3304 C3
3305 C3
3306 C3
3320 C6
3321 C6
3322 C6
3323 C6
3324 C6
3325 B6
3326 B6
3327 B6
3328 B6
3329 C6
3330 C6
3331 C6
3332 C6
3333 C6
3334 B4
3335 B4
3336 A3
3337 A4
3338 A4
3339 A4
3341 A3
3342 A1
3343 A2
3344 A3
3345 B4
3346 B4
3347 B3
3348 C3
3349 B2
3350 B2
3351 B1
3352 B2
3353 B2
3354 B2
3355 B2
3356 B3
3357 B3
3358 A3
3359 B2
3360 B1
3361 B3
3362 B2
3363 B2
3364 A2
3365 B2
3366 B2
3367 A3
3368 B1
3369 A1
3370 A1
3371 C1
3372 C1
3373 C1
3374 A1
3375 B1
3376 B1
3377 B3
3378 B3
3380 B3
3381 C1
3382 A1
3392 A2
3393 A2
3395 A2
3400 A4
3401 B4
3402 A5
3403 A4
3404 A3
5300 C1
5301 A1
6250 A4
6251 A4
6252 C3
6253 C4
6254 C4
6256 C6
6257 C6
6258 C4
6259 A6
6260 B6
6261 A5
6262 A5
6263 A6
6264 C5
6265 A6
6320 C6
6321 C6
6322 C6
6323 B6
6324 B2
6330 C1
6331 A1
6332 C3
6360 A1
7240 A4
7241 A4
7250 A2
7251 A3
7252 A2
7253 A3
7254 C2
7255 C3
7256 C3
7257 C2
7259 C5
7260 A6
7261 A6
7262 A6
7263 A6
7264 C5
7265 C5
7300 C3
7320 C6
7321 B6
7322 B6
7323 B6
7324 C6
7325 C6
7326 B2
7327 B3
7328 A3
7329 B4
7330 B2
8240 B5
9250 C4
9251 C4
9252 C4
9253 C4
9320 B4
9321 A4
9323 B3
9329 B3
9330 A2
9331 A2
9333 A2
9341 B3
9342 C1
9343 B1
9355 B3
9356 B2
9360 B1
9361 A1
9362 B1
9363 B1
9452 C1
9453 B1
9455 A3
9456 C1
9457 B2
9458 B3
9460 B3
9462 A3
9465 B2
9466 B3
9467 A3
9463 B3
9469 B4
9470 C3
9471 C3
9472 C2
9473 C3
9474 B3
9475 C3
9476 B4
9477 B3
9478 B3
9480 B3
9481 B4
9482 B4
9483 C5
9484 C5
9485 B4
9486 B4
9487 B4
9488 B4
9489 B4
9490 B5
9491 A4
9492 B5
9493 A4
9494 A4
9495 B5
9496 A4
9497 B5
9498 A5
9499 A5
9500 A5
9501 B4
9502 B5
9503 A4
9504 A5
9505 A5
9506 A5
9507 B5
9508 B5
9509 A3
9510 A5
9512 A6
9513 A1
9514 A6
9515 A6
9516 B6
9517 B6
9519 A5
9520 B6
9521 B5
9522 B5
9524 B6
9525 B4
9526 C6
9527 C6
9528 B6
9529 A5
9530 A5
9531 B5
9532 A5
9533 C5
9534 C5
9535 C5
9536 C5
9537 B6
9538 C5
9540 A5
9541 A5
9960 A2
9961 B3
9962 A4


MOD_2001/bocrds/3139_113_34344_01/8238_210_88130 (mod_100W,VCD)
8238 210 88130
1 2 3 4 5 6
A
B
C
IN 7257 OUT
T13 (CDR T2A5)
This assembly drawing shows a summary of all possible versions. For components used in a specific version see schematic diagram and respective parts list.
3139 113 3434 pt4 dd wk0139

LEFT/RIGHT AMPLIFIER & SUPPLY BOARD - CIRCUIT DIAGRAM (PART 1)



1250 A1
1251 A1
1252 F1
1259 A9
1260 A9
1261 A9
1262 C9
1263 C9
1264 E9
1280 B1
1300 F6
1322_A F9
1323_A F9
2250 A3
2251 A3
2252 B3
2253 A4
2254 E1
2255 D1
2256 D2
2257 D3
2258 D3
2259 D4
2260 B6
2261 B7
2262 C7
2263 C7
2265 F8
2300 F5
3250 A2
3251 A2
3252 A2
3253 A2
3254 A3
3255 B4
3256 B4
3257 A5
3258 D1
3259 D1
3260 D1
3261 D1
3262 D2
3263 E2
3264 D4
3265 F2
3268 E3
3269 E4
3270 E4
3271 F3
3272 F4
3273 A6
3274 B6
3275 A7
3276 A7
3277 B7
3278 C6
3279 D6
3280 D6
3281 D7
3282 C7
3283 C7
3284 D7
3285 D7
3286 E7
3287 E7
3288 E8
3289 F8
3290 A3
3292 F4
3295 C7
3300 F5
3301 F5
3302 E5
3303 F5
3304 E6
3305 E6
3306 E6
3400 B4
3401 B5
3402 B5
3403 B5
6250 A4
6251 A4
6252 D2
6253 D3
6254 D4
6256 E4
6257 E4
6258 F4
6259 A7
6260 A7
6261 C6
6262 C6
6263 C7
6264 F7
6265 D6
7240 A5
7241 B5
7250 A2
7251 B2
7252 B3
7253 B3
7254 C1
7255 E1
7256 E2
7257 C4
7259 F4
7260 A6
7261 A6
7262 D6
7263 D7
7264 E7
7265 F8
7300 F5
9250 C1
9251 C1
9252 C4
9253 C4
9960 A3
9962 A4

LEFT/RIGHT AMPLIFIER & SUPPLY BOARD - CIRCUIT DIAGRAM (PART 2)

1321-A C11	2323 D3	2333 B3	2343 E5	2361 B9	2369 C11	3321 C1	3329 D1	3337 B4	3346 E6	3354 B7	3362 C7	3370 A8	3378 E9	3404 B3	6330 B10	7324 E1	9321 B1	9343 C9
1321-B A11	2324 A2	2334 C3	2344 E6	2362 A11	2370 D5	3322 C2	3330 E1	3338 B1	3347 E4	3355 B7	3363 C7	3371 B9	3379 D10	5300 A9	6331 C10	7325 E4	9323 A10	9355 C8
1322_B B11	2325 A4	2335 D4	2345 E4	2363 C9	2371 D5	3323 D1	3331 E2	3339 B2	3348 A8	3356 B8	3364 C7	3372 B9	3380 D10	5301 C9	6332 A8	7327 B8	9329 E10	9356 D7
1323_B D11	2328 A3	2336 D4	2350 A7	2364 C9	2372 C3	3324 D2	3332 E2	3340 C3	3349 E8	3357 C8	3365 D8	3373 B10	3381 A9	6320 C1	6360 A8	7328 C8	9330 B3	9360 C10
1330 E11	2329 B4	2339 D4	2352 A7	2365 C11	2375 A10	3325 D3	3333 E2	3341 C4	3350 B7	3358 C8	3366 D8	3374 C9	3382 A10	6321 C1	7320 C1	7329 E10	9331 C4	9361 C10
2320 C1	2330 A4	2340 A3	2353 E7	2366 A10	2390 A1	3326 D3	3334 A1	3342 A4	3351 B7	3359 C7	3367 D8	3375 C10	3392 B3	6322 E1	7321 C2	7330 B6	9333 C4	9362 C10
2321 E1	2331 B4	2341 A5	2355 E7	2367 A10	3320 C1	3327 D1	3335 A3	3343 A6	3352 B7	3360 C7	3368 A8	3376 C9	3393 C4	6323 E3	7322 D3	8240 A2	9341 A6	9363 C10
2322 E2	2332 B2	2342 A6	2360 B9	2368 C11	3328 D3	3336 A3	3345 A6	3353 B7	3361 C7	3369 A8	3377 E9	3395 C4	6324 E8	7323 E2	9320 A1	9342 B9	9961 A6